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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**SCHEDULE 13D**

**Under the Securities Exchange Act of 1934  
(Amendment No. 2)\***

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**AERCAP HOLDINGS N.V.**  
(Name of Issuer)

**Ordinary Shares, EUR 0.01 Nominal Value**  
(Title of Class of Securities)

**N00985106**  
(CUSIP Number)

**Jeffrey A. Welikson, Esq.**  
**Vice President, Corporate Secretary and Deputy General Counsel**  
**American International Group, Inc.**  
**175 Water Street**  
**New York, NY 10038**  
**(212) 770-7000**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

**August 24, 2015**  
(Date of Event which Requires Filing of this Statement)

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If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

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**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

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\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)	
	American International Group, Inc. 13-2592361	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC USE ONLY	
4.	SOURCE OF FUNDS (see instructions)  OO	
5.	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6.	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7.	SOLE VOTING POWER  0
	8.	SHARED VOTING POWER
	9.	SOLE DISPOSITIVE POWER  0
	10.	SHARED DISPOSITIVE POWER
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  0	
12.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (see instructions) <input type="checkbox"/>	
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)  0%	
14.	TYPE OF REPORTING PERSON (see instructions)  CO	

**Explanatory Note**

This Amendment No. 2 (this “Amendment 2”) amends and supplements the Schedule 13D originally filed with the United States Securities and Exchange Commission (the “SEC”) on October 31, 2014 (the “Schedule 13D”), as amended prior to the date hereof (as so amended, this “Statement”).

**Item 1. Security and Issuer.**

Item 1 is hereby amended as follows:

This Amendment 2 is being filed with respect to the beneficial ownership of stock, nominal value EUR0.01 per share (the “Ordinary Shares”), of AerCap Holdings N.V., a Netherlands public limited liability company (the “Issuer”), held by American International Group, Inc., a Delaware corporation (“AIG”). Such Ordinary Shares were issued to AIG as consideration, along with cash considerations, for the sale of AIG’s 100% interest in International Lease Finance Corporation (“ILFC”) to the Issuer, as further disclosed in the Schedule 13D.

**Item 2. Identity and Background.**

Item 2 is hereby amended as follows:

The name, address, position, present principal occupation and citizenship of each director and executive officer of AIG is set forth in the attached Schedule A, which is incorporated herein by reference in its entirety.

**Item 4. Purpose of Transaction.**

Item 4 is hereby amended and supplemented by adding the following:

On August 18, 2015, AIG entered into an underwriting agreement with the Issuer and the underwriters specified therein (the “August Underwriting Agreement”), pursuant to which AIG agreed to sell 10,677,702 Ordinary Shares through an underwritten public offering (the “August Public Offering”) upon the terms and conditions set forth in the prospectus supplement related to the Ordinary Shares filed by the Issuer with the Securities and Exchange Commission. The closing of the August Public Offering occurred on August 24, 2015.

**Item 5. Interest in Securities of the Issuer.**

Item 5 is hereby amended and restated in its entirety as follows:

As of the date hereof (and after giving effect to the sales of the Ordinary Shares of the Issuer in the Share Repurchase, the Public Offering and the August Public Offering), AIG no longer beneficially owns any Ordinary Shares of the Issuer, and on August 24, 2015, AIG ceased to be the direct beneficial owner of more than 5% of the outstanding Ordinary Shares of the Issuer.

**Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.**

Item 6 of the Statement is hereby amended by adding the following sentence to the end of the first paragraph:

In connection with the August Public Offering, the Shareholders’ Agreement has been terminated.

Item 6 of the Statement is hereby amended by adding the following sentence to the end of the second paragraph:

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In connection with the August Public Offering, AIG ceased to have the right to designate a director to the Issuer's board of directors.

Item 6 of the Statement is hereby amended by adding the following sentence to the end of the sixth paragraph:

In connection with the August Public Offering, the Registration Rights Agreement has been terminated.

Item 6 of the Statement is hereby further amended by inserting the following information:

The information set forth in Item 4 above is hereby incorporated by reference in response to Item 6.

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**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

AMERICAN INTERNATIONAL GROUP, INC.

\_\_\_\_\_  
/s/ Alon Neches

Insert Name

\_\_\_\_\_  
Vice President - Strategy and Mergers and  
Acquisitions

Insert Title

\_\_\_\_\_  
August 26, 2015

Insert Date

**DIRECTORS AND EXECUTIVE OFFICERS OF  
AMERICAN INTERNATIONAL GROUP, INC.**

The name, business address, title, present principal occupation or employment of each of the directors and executive officers of American International Group, Inc. are set forth below.

**BOARD OF DIRECTORS**

<b><u>Name</u></b>	<b><u>Address</u></b>	<b><u>Position/Principal Occupation</u></b>	<b><u>Citizenship</u></b>
Douglas M. Steenland	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Chairman	American
W. Don Cornwell	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Peter R. Fisher	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
John H. Fitzpatrick	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American and Irish
Peter D. Hancock	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
William G. Jurgensen	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Christopher S. Lynch	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
George L. Miles, Jr.	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Henry S. Miller	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Robert S. Miller	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Linda A. Mills	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Suzanne Nora Johnson	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Ronald A. Rittenmeyer	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American
Theresa M. Stone	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Director	American

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**EXECUTIVE OFFICERS**

<b><u>Name</u></b>	<b><u>Address</u></b>	<b><u>Position/Principal Occupation</u></b>	<b><u>Citizenship</u></b>
Peter D. Hancock	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	President and Chief Executive Officer	American
William N. Dooley	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American and Irish
John Q. Doyle	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American
Philip Fasano	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American
David L. Herzog	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American
Kevin T. Hogan	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American
Jeffrey J. Hurd	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American
Ronald E. Martinez, Jr.	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American
Thomas A. Russo	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	American
Siddhartha Sankaran	c/o American International Group, Inc. 175 Water Street, New York, NY 10038	Executive Vice President	Canadian