ASML HOLDING NV Form 6-K August 03, 2016

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 6-K

REPORT OF A FOREIGN ISSUER PURSUANT TO RULE 13A-16 OR 15D-16 OF THE SECURITIES EXCHANGE ACT OF 1934 For August 3, 2016

ASML Holding N.V.

De Run 6501 5504 DR Veldhoven The Netherlands (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F S Form 40-F £

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes £ No S

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

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Exhibits

99.1 "ASML Announces Transactions Under Its Current Share Buyback Program", press release dated July 11, 2016 99.2 "ASML Announces Transactions Under Its Current Share Buyback Program", press release dated July 18, 2016 99.3 "ASML welcomes HMI shareholder vote that approves acquisition of HMI", press release dated August 3, 2016 Update on share buy-back program

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

ASML HOLDING N.V. (Registrant)

Date: August 3, 2016 By: /s/ Peter T.F.M. Wennink

Peter T.F.M. Wennink Chief Executive Officer

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