ASML HOLDING NV
Form 6-K
October 31, 2012

# 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 October 31, 2012**

# 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 x 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 x

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

**Exhibits**

99.1 ASML issues shares to TSMC in connection with Customer Co-Investment Program, press release dated October 31, 2012
Safe Harbor Statement under the US Private Securities Litigation Reform Act of 1995: the matters discussed in this document include forward-looking statement relating to our co-investment program and our planned Synthetic Buyback. These forward looking statements are subject to risks and uncertainties including whether the 450mm and EUV research and development programs will be successful, ASML s ability to hire additional workers as part of the 450mm and EUV development programs, whether all conditions for the Synthetic Buyback will be fulfilled and other risks indicated in the risk factors included in ASML s Annual Report on Form 20-F and other filings with the US Securities and Exchange Commission.

**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: October 31, 2012

By: /s/ Peter T.F.M. Wennink
Peter T.F.M. Wennink
Executive Vice President

and Chief Financial Officer