ASML HOLDING NV Form 6-K April 13, 2011

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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 April 13, 2011

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 b Form 40-F o

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 o No b

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): EXHIBITS 99.1, 99.3 AND 99.4 TO THIS REPORT ON FORM 6-K ARE INCORPORATED BY REFERENCE IN THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-13332), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-105600), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-116337), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-126340), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-136362), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-141125), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-142254), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-144356), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-153277), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-162439) AND THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-162439) AND THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-162439) AND THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-170034) OF ASML HOLDING N.V.

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Exhibits

SIGNATURES

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Exhibits

- 99.1 ASML announces 2011 First Quarter Results Strong first quarter confirms expectation for another record year, press release dated April 13, 2011
- 99.2 ASML 2011 First Quarter Results Strong first quarter confirms expectation for another record year, presentation dated April 13, 2011
- 99.3 Summary U.S. GAAP Consolidated Financial Statements
- 99.4 Summary IFRS Consolidated Financial Statements

Safe Harbor Statement under the US Private Securities Litigation Reform Act of 1995: the matters discussed in this document may include forward-looking statements, including statements made about our outlook, realization of systems backlog, IC unit demand, financial results, average selling price, gross margin and expenses, dividend policy and intention to repurchase shares. These forward looking statements are subject to risks and uncertainties including, but not limited to: economic conditions, product demand and semiconductor equipment industry capacity, worldwide demand and manufacturing capacity utilization for semiconductors (the principal product of our customer base), including the impact of general economic conditions on consumer confidence and demand for our customers products, competitive products and pricing, the impact of manufacturing efficiencies and capacity constraints, the pace of new product development and customer acceptance of new products, our ability to enforce patents and protect intellectual property rights, the risk of intellectual property litigation, availability of raw materials and critical manufacturing equipment, trade environment, changes in exchange rates available cash, distributable reserves for dividend payments and share repurchases, uncertainty surrounding the impact of the earthquake and tsunami in Japan and its potential effect on our customers and suppliers 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.

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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: April 13, 2011 By: /s/ Peter T.F.M. Wennink

Peter T.F.M. Wennink
Executive Vice President
and Chief Financial Officer

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