ASML HOLDING NV Form 424B3 September 26, 2002

> Filed pursuant to Rule 424(b)(3) Reg No. 333-83266

PROSPECTUS SUPPLEMENT NO. 5 (To Prospectus filed with the Securities and Exchange Commission under cover of a Registration Statement on Form F-3 on February 20, 2002, as supplemented and amended by Prospectus Supplement No. 1, filed with the Securities and Exchange Commission on May 1, 2002, Prospectus Supplement No. 2, filed with the Securities and Exchange Commission on May 31, 2002, Prospectus Supplement No. 3, filed with the Securities and Exchange Commission on June 7, 2002, and Prospectus Supplement No. 4, filed with the Securities and Exchange Commission on July 25, 2002).

## ASML Holding N.V. 30,814,576 Ordinary Shares

This Prospectus Supplement No. 5 supplements and amends the Prospectus relating to 30,814,576 of our ordinary shares, issuable upon conversion of our 5.75% convertible subordinated notes due 2006, as filed with the Securities and Exchange Commission under cover of a Registration Statement on Form F-3 on February 20, 2002, as supplemented by Prospectus Supplement No. 1, filed with the Securities and Exchange Commission on May 1, 2002, and Prospectus Supplement No. 2, filed with the Securities and Exchange Commission on May 31, 2002, Prospectus Supplement No. 3, filed with the Securities and Exchange Commission on June 7, 2002, and Prospectus Supplement No. 4, filed with the Securities and Exchange Commission on July 25, 2002.

The table on pages 13 through 16 of the Prospectus (as supplemented and amended) sets forth information with respect to the selling securityholders and the respective number of ordinary shares to be beneficially owned by each selling securityholder upon conversion of the 5.75% convertible subordinated notes due 2006 and that may be offered pursuant to the Prospectus (as supplemented and amended). This Prospectus Supplement No. 5 amends that table by adding the items set forth below.

Selling Securityholder	Number of Ordinary Shares to be Owned Upon Conversion of 5.75% Convertible Subordinated Notes due 2006 and Offered Hereby	Percentage of Total Amount of Ordinary Shares outstanding as of December 31, 2001
Arbitex Master Fund L.P. c/o HW Capital L.P. 1601 Elm Street, Suite 4000 Dallas, TX 75201 Tel: (214) 720-1659 Fax: (214) 720-1667	80,385	*

\*Less than 1%

The Prospectus, together with Prospectus Supplement Nos. 1, 2, 3, 4,

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and this Prospectus Supplement No. 5, constitutes the Prospectus required to be delivered by Section 5(b) of the Securities Act of 1933 with respect to offers and sales of ordinary shares, nominal value Euro 0.02 per share, issuable upon conversion of our 5.75% convertible subordinated notes due 2006.

Prospective investors should carefully consider matters discussed under the caption "Risk Factors" beginning on page 1 of the Prospectus.

Neither the Securities and Exchange Commission nor any U.S. state securities regulators have approved or disapproved of these securities or determined if this Prospectus Supplement No. 5 is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this Prospectus Supplement No. 5 is September 26, 2002.