

Title (en)

Device for making a printing image by using a laser

Title (de)

Vorrichtung zur Herstellung eines Druckbildes mittels eines Lasers

Title (fr)

Dispositif pour créer une image d'impression au moyen d'un laser

Publication

**EP 1591240 B1 20070530 (DE)**

Application

**EP 05009078 A 20050426**

Priority

DE 102004021491 A 20040430

Abstract (en)

[origin: EP1591240A2] The device produces a print impression (8) on a print cylinder (1) by means of a laser whose laser writing head (7) fixed on a crosshead (3) moves parallel to the cylinder axis. By this means, space-saving secure functioning is achieved, so that a protective switch (10) on the crosshead can transmit the presence of the cylinder. The crosshead contains two switch bars (5,6) which leave a space (b) the width of the print impression for the laser head to move and which work together with a further protective switch (11) on the head to turn off the laser outside the laser head deployment area.

IPC 8 full level

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CPC (source: EP US)

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Designated contracting state (EPC)

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**EP 1591240 A2 20051102**; **EP 1591240 A3 20051221**; **EP 1591240 B1 20070530**; CN 100522630 C 20090805; CN 1693086 A 20051109; DE 102004021491 B3 20051027; DE 502005000763 D1 20070712; JP 2005316490 A 20051110; JP 4209861 B2 20090114; US 2005274268 A1 20051215; US 7331288 B2 20080219

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