

Title (en)

Apparatus for printing a pattern on workpieces

Title (de)

Vorrichtung zum Bemustern von Werkstücken

Title (fr)

Dipositif pour imprimer un motif sur des pièces d'usinage

Publication

**EP 1892107 B1 20091104 (DE)**

Application

**EP 06017767 A 20060825**

Priority

EP 06017767 A 20060825

Abstract (en)

[origin: EP1892107A1] The device (1) has a workpiece carrier device (20) carrying a workpiece (2) to be patterned. A detection device (40) detects a relative position and distance between an ink-jet printing device (10) and a surface of the workpiece to be patterned, during printing, where the detection device is placed in a preset and fixed relationship to the printing device. A control device is arranged such that nozzles (12) of the printing device are selectively connected and disconnected in dependent of a detection result of the detection device and that nozzles are adjustable in groups by an actuating unit. An independent claim is also included for a method for patterning of workpieces.

IPC 8 full level

**B41J 3/28** (2006.01)

CPC (source: EP US)

**B05B 12/122** (2013.01 - EP); **B27D 5/003** (2013.01 - EP); **B27G 5/023** (2013.01 - EP US); **B41J 3/28** (2013.01 - EP US); **B41J 3/407** (2013.01 - EP US); **B41J 3/44** (2013.01 - EP US); **B41J 3/543** (2013.01 - EP US); **B41J 29/02** (2013.01 - EP US); **B44C 5/043** (2013.01 - EP US)

Cited by

CN102844194A; CN102812789A; EP3213823A1; FR3048368A1; WO2011101145A1; WO2011092215A3; US9313908B2; US11161134B2; WO2021110952A1

Designated contracting state (EPC)

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**EP 1892107 A1 20080227**; **EP 1892107 B1 20091104**; CN 100577426 C 20100106; CN 101130312 A 20080227; DE 502006005293 D1 20091217; US 2008048388 A1 20080228; US 8038236 B2 20111018

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