

Title (en)
Stitching apparatus of a printing machine

Title (de)
Heftapparat einer Druckmaschine

Title (fr)
Agrafeuse d'une machine à imprimer

Publication
EP 1645413 A3 20091007 (DE)

Application
EP 05021877 A 20051007

Priority
DE 102004049488 A 20041011

Abstract (en)
[origin: EP1645413A2] The stapling apparatus has frame (13) with pivoted stapling cylinder (11), which has an axle (14) with stapling piston valve (16). Stapling pistons (21) are arranged in stapling piston valve. In each piston valve, two stapling piston systems are arranged for different types of stapling. Depending upon desired stapling width and wire diameter, stapling piston system can be activated or deactivated.

IPC 8 full level
B41F 13/66 (2006.01); **B42B 4/02** (2006.01)

CPC (source: EP)
B41F 13/66 (2013.01); **B42B 4/02** (2013.01)

Citation (search report)
• [A] US 5848745 A 19981215 - HILLEBRAND BERND ANTON [DE]
• [A] US 5464199 A 19951107 - STAUBER HANS-ULRICH [CH]

Cited by
WO2008094117A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1645413 A2 20060412; EP 1645413 A3 20091007; EP 1645413 B1 20110921; DE 102004049488 A1 20060413

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