

Title (en)
Stapling device

Title (de)
Heftgerät

Title (fr)
Agrafeuse

Publication
EP 1016502 A3 20041117 (DE)

Application
EP 99119217 A 19990927

Priority
DE 19849093 A 19981024

Abstract (en)
[origin: US6299047B1] A stapler, optionally used for flat-clinch stapling or for external and internal stapling, includes a stapling plate with stampings and a slit-like perforation for flat-clinch stapling. The stapling plate is rotatable or slidable or divided. The stapling plate has projecting outer gripping edges. The stapling plate folding part is pivotably connected to the base plate and includes a clip connection. The stapler upper part is slidingly and pivotably mounted. The sliding pivoting mount is a connecting pivot and a bearing block having a slot, the bearing block slidingly and pivotably mounted in the slot on the connecting pivot. The distance of the two end positions of the connecting pivot corresponds to the distance between the slit-like perforation and the stampings. The base plate is connected to the upper part by a yaw pivot bearing and the slit-like perforation and the shaped stampings are in line with each other, the pivoting upper part adapted to engage a staple with both. The yaw pivot bearing has latching positions and can be lifted from one position to another. The stapler includes two corresponding latching members, the first is on the base plate and the second is on a bearing block.

IPC 1-7
B25C 5/02

IPC 8 full level
B25C 5/02 (2006.01)

CPC (source: EP US)
B25C 5/025 (2013.01 - EP US)

Citation (search report)
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• [A] GB 642064 A 19500823 - OTTO MOEN
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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US 6299047 B1 20011009; AT E360507 T1 20070515; CA 2285525 A1 20000401; CA 2285525 C 20080429; DE 59914309 D1 20070606; EP 1016502 A2 20000705; EP 1016502 A3 20041117; EP 1016502 B1 20070425; ES 2285809 T3 20071116

DOCDB simple family (application)
US 41083199 A 19991001; AT 99119217 T 19990927; CA 2285525 A 19991001; DE 59914309 T 19990927; EP 99119217 A 19990927; ES 99119217 T 19990927