

Title (en)
A stapling machine.

Title (de)
Heftmaschine.

Title (fr)
Machine d'agrafage.

Publication
EP 0543617 B1 19950920 (EN)

Application
EP 92310478 A 19921117

Priority
• GB 9124498 A 19911119
• GB 9124499 A 19911119
• GB 9125596 A 19911202

Abstract (en)
[origin: EP0543617A1] A stapling machine incorporates a spring to apply force to a staple pusher (20,47), which pushes staples in a staple magazine (44) towards a staple ejection slot (5,46). The spring comprises a spring strip (21,49) having one end thereof wound into a spiral coil (22,50), the spiral coil (22,50) being received within a cavity (3,52) which retains the coil (22,50) in a predetermined position, a portion of the spring extending from the spiral coil (22,50) to the staple pusher (20,47). The spring (21,49) applies a constant force to the staple pusher (20,47), facilitating ejection of the last few staples. The design facilitates easy assembly of the stapling machine. <IMAGE>

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B25C 5/16; **B25C 5/02**

IPC 8 full level
B25C 5/02 (2006.01); **B25C 5/16** (2006.01)

CPC (source: EP)
B25C 5/0292 (2013.01); **B25C 5/161** (2013.01); **B25C 5/1689** (2013.01)

Cited by
GB2326367A; GB2326367B; WO2023022265A1; WO2014112924A1; WO2014115089A1; US10005644B2; US11267117B2; US12036652B2

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