

Title (en)
Stapler and staple cassette.

Title (de)
Heftapparat und Klammermagazin.

Title (fr)
Agrafeuse et magasin à agrafes.

Publication
EP 0186914 A1 19860709 (EN)

Application
EP 85116656 A 19851230

Priority
• JP 27674884 A 19841229
• JP 27674984 A 19841229

Abstract (en)
A stapler for advancing each staple to the front end of a magazine (6) by a staple feeder and extruding the staple from the magazine end by a driver (5), includes a housing. Within the housing, strips of staples each comprising a plurality of staples arrayed and bonded together and being stacked up to two strips or more as well as separators (15) lying between the stacked strips of staples to separate the upper and lower strips of staples from each other are contained. In case the staple feeder is retracted, the staple feeder and the separator (15) are engaged with each other making the separator (15) retract from the housing and discharge the separator (15) from the housing and the stapler at the retracted position. A staple cassette for accommodating a plurality of strips of staples is formed with a front gate passing at least the staples at the position in front of the strip of staples in the first step and with a discharge gate passing the separators (15) at the position in rear of the strip of staples in the first step.

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B25C 5/16

IPC 8 full level
B25C 5/16 (2006.01)

CPC (source: EP)
B25C 5/1686 (2013.01)

Citation (search report)
• US 3604608 A 19710914 - MULLANEY FRANK W, et al
• GB 2082956 A 19820317 - HUI NENG CHI

Cited by
DE3629101A1; EP0301208A3; FR2798614A1; AU778799B2; EP0327452A1; FR2626803A1; US4953384A; US4784306A; EP0298760A3; EP0608756A1; US5501387A; EP0327451A1; FR2626804A1; US4940163A; WO0121364A1; WO9002635A1

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