

Title (en)
DEVICE FOR SEPARATING SHEETS

Publication
EP 0185395 B1 19890517 (DE)

Application
EP 85116405 A 19851220

Priority
DE 3446862 A 19841221

Abstract (en)
[origin: ES8701117A1] A separating apparatus, to which the sheet material is transported in stacks via a stack transporting system, comprises a movable retaining means which reduces the separating gap before the stack is fed and is restored to its original width immediately before separation begins. This allows for the prevention of sheets being wedged in the separating gap, which would otherwise lead to a disturbance of the separation process. The design of a stationary retaining element having an integrated second, movable element allows for the formation of a stopping surface which protrudes beyond the stopping surface of the stationary part and is hit by the leading edges of the sheets in the stack. A toothed design of the new stopping surface allows for the leading edge of the stack of sheet material to be influenced selectively.

IPC 1-7
B65H 3/14; **B65H 3/46**

IPC 8 full level
B65H 1/04 (2006.01); **B65H 1/30** (2006.01); **B65H 3/14** (2006.01); **B65H 3/46** (2006.01); **B65H 3/56** (2006.01)

CPC (source: EP US)
B65H 3/46 (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

Cited by
US8561980B2; WO2005026026A1

Designated contracting state (EPC)
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EP 0185395 A2 19860625; **EP 0185395 A3 19870318**; **EP 0185395 B1 19890517**; AT E43122 T1 19890615; DE 3446862 A1 19860703; DE 3570227 D1 19890622; ES 550066 A0 19861201; ES 8701117 A1 19861201; IT 8554258 V0 19851220; JP H0611625 B2 19940216; JP S61155141 A 19860714; US 4717137 A 19880105

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