

Title (en)

Sheet retaining device for a stacking device.

Title (de)

Blätter-Rückhalteorgan für ein Stapelmagazin.

Title (fr)

Organe de retenue de feuilles pour un magasin d'empilage.

Publication

EP 0578990 B1 19950712 (FR)

Application

EP 93109713 A 19930615

Priority

FR 9208679 A 19920703

Abstract (en)

[origin: EP0578990A1] The sheet retaining device comprises an upper grid (14) and a lower grid (9) for retaining the sheets, consisting of the rods (15, 16) of jacks (rams) (10, 11, 17, 18) arranged in the front (7) and rear (8) walls of a magazine (6), the upper grid (14) consisting of a series of jacks (17, 18) each comprising a rod (15, 16) which can be deformed elastically, nested at one of its ends in a piston which can also be deformed elastically, the said elastically deformable rod (15, 16) being guided, during its displacement, in a bearing and via the circumferential surface of the piston sliding in the skirt of the cylinder of the jack (17, 18). <IMAGE>

IPC 1-7

B65H 31/32

IPC 8 full level

B65H 31/32 (2006.01)

CPC (source: EP KR US)

B65H 31/32 (2013.01 - EP KR US); **B65H 2555/10** (2013.01 - KR); **B65H 2701/1762** (2013.01 - EP KR US)

Cited by

WO2011141584A1; US9499370B2

Designated contracting state (EPC)

DE DK ES FR GB IT SE

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FR 2693179 A1 19940107; **FR 2693179 B1 19941014**; DE 69300256 D1 19950817; DE 69300256 T2 19951221; DK 0578990 T3 19951204; EP 0578990 A1 19940119; EP 0578990 B1 19950712; ES 2074907 T3 19950916; JP H072413 A 19950106; JP H085581 B2 19960124; KR 0131292 B1 19980411; KR 940005385 A 19940321; US 5344136 A 19940906

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FR 9208679 A 19920703; DE 69300256 T 19930615; DK 93109713 T 19930615; EP 93109713 A 19930615; ES 93109713 T 19930615; JP 16462993 A 19930702; KR 930011563 A 19930624; US 8297493 A 19930629