

Title (en)
DEVICE FOR BREAKING FOLDED AND PERFORATED CONTINUOUS PAPER

Publication
EP 0202503 B1 19881019 (DE)

Application
EP 86105743 A 19860425

Priority
DE 3518386 A 19850522

Abstract (en)
[origin: US4747591A] The apparatus for separating folded and perforated or creased endless or reel papers, which form an uninterrupted stack, comprises a conveyor belt 9 conveying the same to a separating station, in order to permit an automatic separation of the stack into individual stacks 7a with a predetermined number of paper sheets. For this purpose, a separating sword 2 is moved preferably from below between the sheets of the stack, so that a stack 7a is formed with the desired number of individual sheets. The small cavity 10 running in the longitudinal direction and formed by the separating sword 2 is used for receiving a knife 4, which is moved at right angles over the stack, in order to separate the same at a perforation or fold. Pivotal removal bolts 1 are used for conveying away the separated stack 7a and for transfer to a second conveyor belt 5. The removal bolts 1 are then moved back into the starting position, so that the separating sword 2 can be extended out of the conveying area of the stack and a new separating process can be carried out. This permits an automatic separation into small stacks with predetermined numbers at virtually any random point.

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B65H 35/10

IPC 8 full level
B65H 35/10 (2006.01)

CPC (source: EP US)
B65H 35/10 (2013.01 - EP US); **Y10T 83/4448** (2015.04 - EP US); **Y10T 83/4635** (2015.04 - EP US); **Y10T 83/658** (2015.04 - EP US); **Y10T 83/889** (2015.04 - EP US); **Y10T 225/371** (2015.04 - EP US)

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