

Title (en)

Method for the unpling of single sheets from a pile of sheets and device therefor

Title (de)

Verfahren zum Abstapeln einzelner Bleche von einem Blechstapel und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé pour le dépilage de feuilles uniques d'une pile de feuilles et son dispositif

Publication

**EP 0575707 B1 19960612 (DE)**

Application

**EP 93105095 A 19930327**

Priority

CH 167192 A 19920525

Abstract (en)

[origin: EP0575707A1] Two sheets (10, 14) are removed simultaneously from the pile (1) of sheets. While one sheet (10) is in the feed position, from which it is transferred to the conveyor track by two withdrawal rollers (7, 8), a first suction element (20) grasps the next sheet (14) in the pile (1). This sheet is moved along the curve a into the now free feed position. The second suction element (30), which is no longer required at this point to hold the first sheet (10), moves to the pile (1) so as to grasp the next sheet (15) and transfer it into the feed position while the first suction element is being moved back to the pile. In this way, sheets can be removed from a pile at a more rapid pace than hitherto. <IMAGE>

IPC 1-7

**B65H 3/08**

IPC 8 full level

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CPC (source: EP KR US)

**B30B 15/30** (2013.01 - KR); **B65H 3/0816** (2013.01 - EP US); **B65H 3/085** (2013.01 - EP US); **B65H 3/40** (2013.01 - EP US); **B65H 2701/173** (2013.01 - EP US)

Citation (examination)

- DE 1047216 B 19581224 - HEADLEY TOWNSEND BACKHOUSE
- FR 1140657 A 19570805
- EP 0196358 A2 19861008 - SEALED POWER CORP [US]

Cited by

EP0714839A1; EP0714843A1; CH707362A1; US5720587A; US10136884B2

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