Title (en)

Feed unit for feeding sheets to a packing line

Title (de)

Zuführeinheit zum Zuführen von Blättern zu einer Verpackungsstrasse

Title (fr)

Unité d'alimentation pour alimenter des feuilles à une ligne d'emballage

Publication

EP 1783077 A1 20070509 (EN)

Application

EP 06123491 A 20061103

Priority

IT BO20050678 A 20051107

Abstract (en)

A feed unit (1) for feeding sheets (2) to a packing line, wherein a pickup device (6) engages a withdrawal opening (5) of a hopper (3), housing a stack (4) of sheets (2), to withdraw one sheet (2) from the stack (4) and feed the sheet (2) to the packing line; at least one supporting member (16) is located at the withdrawal opening (5) of the hopper (3) to reduce the passage section of the withdrawal opening (5) and retain the sheets (2) in the stack (4) inside the hopper (3), and is movable in an adjustment direction (D2); and an adjusting member (17) is connected to the supporting member (16) to adjust, in use, the position of the supporting member (16) in the adjustment direction (D2) as a function of the size, measured in the adjustment direction (D2), of the sheets (2) located close to the withdrawal opening (5). (Figure 2)

IPC 8 full level

B65H 3/08 (2006.01); **B65H 3/10** (2006.01); **B65H 3/34** (2006.01)

CPC (source: EP US)

B65H 3/085 (2013.01 - EP US); **B65H 3/10** (2013.01 - EP US); **B65H 3/34** (2013.01 - EP US); **B65H 3/48** (2013.01 - EP US); B65H 2301/42322 (2013.01 - EP US); B65H 2301/4234 (2013.01 - EP US)

Citation (search report)

- [X] EP 1050498 A2 20001108 - KLOECKNER MEDIPAK GMBH [DE]
- [X] GB 2053133 A 19810204 - BOSCH GMBH ROBERT
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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