Title (en)
COLLECTING AND TRANSPORT DEVICE FOR A STACK FORMED BY LAYERS OF SHEETS

Title (de)
SAMMEL- UND TRANSPORTVORRICHTUNG FÜR DURCH BLATTLAGEN GEBILDETE STAPEL

Title (fr)
DISPOSITIF DE COLLECTE ET DE TRANSPORT D'EMPILEMENTS FORMÉS DE COUCHES DE FEUILLES

Publication
EP 2323938 B1 20120328 (DE)

Application
EP 09778541 A 20090916

Priority
- EP 2009006679 W 20090916
- DE 102008047785 A 20080917

Abstract (en)
[origin: WO2010031538A2] The invention relates to a collecting and conveying device for stacks of sheet layers, comprising a feed conveyor (1) for the sheet layers, - a collecting station (3) in which stacks (4) are formed by the layers of sheets, - a removal conveyor (7) for removing the completed stacks (4), and - a transfer unit for moving the stacks from the collecting station to the removal conveyor (7), wherein the collecting station comprises a series of support elements (6) and a series of delimiting and shaking elements (8), wherein the transfer unit comprises a series of sliding elements (10), wherein in each case a sliding element (10) together with a support element (6) and a delimiting and shaking element (8) can be adjusted transversely.

IPC 8 full level
B65H 31/20 (2006.01); **B65H 29/66** (2006.01); **B65H 31/24** (2006.01); **B65H 31/30** (2006.01); **B65H 31/32** (2006.01); **B65H 31/38** (2006.01)

CPC (source: EP US)
B65H 29/669 (2013.01 - EP US); **B65H 31/20** (2013.01 - EP US); **B65H 31/24** (2013.01 - EP US); **B65H 31/3081** (2013.01 - EP US); **B65H 31/32** (2013.01 - EP US); **B65H 31/38** (2013.01 - EP US); B65H 2301/42172 (2013.01 - EP US); B65H 2301/42266 (2013.01 - EP US); B65H 2401/12 (2013.01 - EP US); B65H 2401/242 (2013.01 - EP US); B65H 2406/1131 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010031538 A2 20100325; **WO 2010031538 A3 20100923**; AT E551285 T1 20120415; EP 2323938 A2 20110525; EP 2323938 B1 20120328; EP 2444342 A1 20120425; EP 2444342 B1 20180711; ES 2385290 T3 20120720; ES 2689873 T3 20181116; US 2011158781 A1 20110630; US 8529186 B2 20130910

DOCDB simple family (application)
EP 2009006679 W 20090916; AT 09778541 T 20090916; EP 09778541 A 20090916; EP 11006658 A 20090916; ES 09778541 T 20090916; ES 11006658 T 20090916; US 200913002789 A 20090916