

Title (en)

Turning device for turning a stack of plates

Title (de)

Wendevorrichtung zum Wenden eines Plattenstapels

Title (fr)

Dispositif de retournement destiné à tourner une pile de plaques

Publication

EP 2196422 B1 20111116 (DE)

Application

EP 08171079 A 20081209

Priority

EP 08171079 A 20081209

Abstract (en)

[origin: EP2196422A1] The device (1) has a pivot frame (3a), and another pivot frame (3b) pivotable parallel to the former frame. The frames have respective support sections (7a, 7b) for a plate stack, where the sections form respective support planes (8a, 8b). Two supporting brackets (10a, 10b) extend perpendicular to the planes. The former frame is pivotable from a horizontal direction to a vertical direction in which one of the planes is aligned opposite to the other plane, where the stack is delivered to one of the sections and turned in the horizontal direction after pivoting of the latter frame.

IPC 8 full level

B65H 15/02 (2006.01); **B21B 39/22** (2006.01); **B65G 47/252** (2006.01)

CPC (source: EP US)

B65H 15/02 (2013.01 - EP US); **B65H 2220/09** (2013.01 - EP); **B65H 2301/33222** (2013.01 - EP); **B65H 2405/331** (2013.01 - EP)

C-Set (source: EP)

B65H 2301/33222 + **B65H 2220/09**

Cited by

CN102976140A; CN105016083A; FR3047984A1; CN104386513A; CN104003611A; CN112193872A; CN112937999A; CN114178424A; CN109872870A; FR3102689A1; CN115255723A

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2196422 A1 20100616; **EP 2196422 B1 20111116**; AT E533718 T1 20111215

DOCDB simple family (application)

EP 08171079 A 20081209; AT 08171079 T 20081209