

Title (en)  
Device for stacking a stream of incoming sheets

Title (de)  
Vorrichtung zum Stapeln eines einlaufenden Bogenstroms

Title (fr)  
Appareil pour empiler un courant de feuilles

Publication  
**EP 1447362 B1 20060517 (DE)**

Application  
**EP 04090049 A 20040213**

Priority  
DE 10307785 A 20030214

Abstract (en)  
[origin: EP1447362A1] A paper handling assembly has a belt feeding sheets of paper for collection as a stack and subsequent removal. The collection and separation bench has a rear stack movable alignment guide which advances at right angles to a notional plane running through the separation bench. An assembly captures an incoming supply of sheet paper from a conveyer belt and assembles a stack on a tray. The assembly further has a separator that subdivides the stack into a collected portion for removal, and an unfinished stack. The assembly has a holder for the unfinished stack, consisting of several elements attached to a tie-rod, and a separation bench for the unfinished stack during removal of the finished stack. The assembly further has a rear stack alignment guide. The rear guide has a movable guide that advances at right angles to a notional plane running through the separation bench.

IPC 8 full level  
**B65H 29/18** (2006.01); **B65H 31/30** (2006.01); **B65H 31/32** (2006.01)

CPC (source: EP US)  
**B65H 29/18** (2013.01 - EP US); **B65H 31/32** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US)

Cited by  
CN105438807A; EP3333102A1; US10800629B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1447362 A1 20040818; EP 1447362 B1 20060517**; AT E326419 T1 20060615; BR PI0400541 A 20041228; CN 1533974 A 20041006; DE 10307785 A1 20040826; DE 502004000549 D1 20060622; ES 2262089 T3 20061116; JP 2004244222 A 20040902; PL 365235 A1 20040823; PT 1447362 E 20060929; US 2004251587 A1 20041216

DOCDB simple family (application)  
**EP 04090049 A 20040213**; AT 04090049 T 20040213; BR PI0400541 A 20040213; CN 200410004186 A 20040213; DE 10307785 A 20030214; DE 502004000549 T 20040213; ES 04090049 T 20040213; JP 2004035841 A 20040213; PL 36523504 A 20040213; PT 04090049 T 20040213; US 77789804 A 20040213