

Title (en)
FOLDING DEVICE OF WEBS

Publication
EP 0189090 B1 19890607 (DE)

Application
EP 86100399 A 19860114

Priority
DE 3502176 A 19850123

Abstract (en)
[origin: US4673382A] Zig-zag folded layers of paper webs are stacked downstream of a folder on a lifting table. A belt is raised to hold a nearly completed stack from below and a separating rake with leading spear shaped heads is moved into the stack at a division between sheets, and severs the stack along a fold. The lifting table and separating rake are shifted together as the separating rake advances, during which the stack to be removed is supported on the raised belt. A new partial stack accumulates on the separating rake while the old stack is removed, the belt is lowered and the table is raised. The table and rake are then returned to their original position to resume stacking on the table. Shifting of the table and separating means, and movement of the raised belt, are driven from a common drive by means of a controllable freewheel clutch engaging over a part of the cycle.

IPC 1-7
B65H 45/101; **B65H 45/20**

IPC 8 full level
B41J 11/66 (2006.01); **B41F 13/60** (2006.01); **B65H 45/101** (2006.01); **B65H 45/20** (2006.01)

CPC (source: EP US)
B65H 45/101 (2013.01 - EP US); **B65H 45/20** (2013.01 - EP US); **B65H 2701/11231** (2013.01 - EP US); **Y10T 83/205** (2015.04 - EP US)

Cited by
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DOCDB simple family (publication)
EP 0189090 A2 19860730; **EP 0189090 A3 19870401**; **EP 0189090 B1 19890607**; CA 1262435 A 19891024; DE 3502176 A1 19860724; DE 3663791 D1 19890713; JP S61169449 A 19860731; US 4673382 A 19870616

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