

Title (en)
Folding machine with rotating frame

Title (de)
Falzmaschine mit Drehgestell

Title (fr)
Appareil de pliage avec cadre tournant

Publication
EP 1785381 A1 20070516 (DE)

Application
EP 06021354 A 20061011

Priority
DE 102005053436 A 20051109

Abstract (en)
The machine has a cross-cutter module with a sheet stacking device arranged below a cross-cut folding knife (18), where an incoming sheet is placed on the device. A cylinder support (27) is arranged below the device, where the sheet is inserted into the support by the knife. A triple-cutter module (22) is arranged downstream to the support, and has a triple-cut folding knife (24) arranged perpendicular to the cross-cut folding knife. The triple-cutter module and the support are arranged at a pivot mounting (20) that is rotatable around 180 degrees with respect to a vertical axis (28).

IPC 8 full level
B65H 45/12 (2006.01); **B65H 45/18** (2006.01)

CPC (source: EP US)
B65H 45/12 (2013.01 - EP US); **B65H 45/14** (2013.01 - EP US); **B65H 45/142** (2013.01 - EP US); **B65H 45/18** (2013.01 - EP US); **B65H 2220/09** (2013.01 - EP); **B65H 2402/35** (2013.01 - EP US); **B65H 2404/66** (2013.01 - EP US)

Citation (search report)

- [Y] DE 3147064 A1 19830601 - STAHL GMBH & CO MASCHF [DE]
- [Y] GB 206870 A 19231112 - GEORGE NORTH WILFORD, et al
- [A] DE 1436596 A1 19690327 - MATTKA GUENTER

Designated contracting state (EPC)
DE FR GB IT

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
DE 102005053436 B3 20070315; CN 1962384 A 20070516; CN 1962384 B 20100512; DE 502006004575 D1 20091001; EP 1785381 A1 20070516; EP 1785381 B1 20090819; JP 2007131456 A 20070531; JP 4939904 B2 20120530; US 2007105699 A1 20070510; US 7867157 B2 20110111

DOCDB simple family (application)
DE 102005053436 A 20051109; CN 200610143336 A 20061106; DE 502006004575 T 20061011; EP 06021354 A 20061011; JP 2006302592 A 20061108; US 59498006 A 20061109