

Title (en)
Thick product feeder

Title (de)
Zuführung für dicke Produkte

Title (fr)
Dispositif d'alimentation de produit épais

Publication
EP 1946939 A2 20080723 (EN)

Application
EP 08000557 A 20080114

Priority
US 88129907 P 20070119

Abstract (en)
An apparatus feeds paper inserts or other flat products from one area to another. The apparatus is particularly useful for use with newspaper insert machines. A first rotating disk (204,205) presses against a first roller (210), and a second rotating disk (250) presses against a second roller (260). Each roller is arranged to rotate about an axis of rotation that is movable with respect its opposing disk. Moving each roller toward its opposing disk permits thin products to be fed through the apparatus, and moving each roller away from its associated disk permits thick products to be fed through the apparatus.

IPC 8 full level
B42C 1/10 (2006.01); **B65H 3/08** (2006.01); **B65H 5/06** (2006.01)

CPC (source: EP US)
B65H 3/0858 (2013.01 - EP US); **B65H 5/06** (2013.01 - EP US); **B42C 1/10** (2013.01 - EP US); **B65H 2403/512** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US)

Citation (applicant)

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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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1946939 A2 20080723; **EP 1946939 A3 20091021**; **EP 1946939 B1 20111130**; **EP 1946939 B8 20120229**; AT E535386 T1 20111215; ES 2378583 T3 20120416; JP 2008174386 A 20080731; US 2008174066 A1 20080724

DOCDB simple family (application)
EP 08000557 A 20080114; AT 08000557 T 20080114; ES 08000557 T 20080114; JP 2008007687 A 20080117; US 1659008 A 20080118