

Title (en)
Collecting and pressing device in a folder-gluer

Title (de)
Sammel- und Presseinrichtung einer Faltschachtelklebemaschine

Title (fr)
Dispositif de collecte et de pressage dans une plieuse-colleuse

Publication
EP 1593483 A3 20071114 (DE)

Application
EP 05103498 A 20050428

Priority
DE 102004022209 A 20040504

Abstract (en)
[origin: EP1593483A2] Collecting and pressing device comprises a lower conveyor belt (8) and an upper conveyor belt (9) having drives (12, 13) having a servo motor connected directly to each drive roller (10, 11). Preferred Features: Both drives are speed-controlled servo motors with a resolver feedback. The drives of the conveyor belts are controlled relative to each other via a common control unit.

IPC 8 full level
B31B 5/36 (2006.01); **B31B 50/02** (2017.01); **B31B 50/56** (2017.01); **B31B 50/62** (2017.01); **B31B 50/88** (2017.01); **B31B 50/94** (2017.01); **B31B 50/96** (2017.01); **B65G 15/14** (2006.01); **B65G 43/00** (2006.01); **B65H 29/12** (2006.01)

CPC (source: EP US)
B31B 50/00 (2017.07 - EP US); **B31B 50/626** (2017.07 - EP US); **B31B 50/96** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2100/0022** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US)

Citation (search report)

- [Y] US 5151075 A 19920929 - BEAULLEU NORMAN R [US], et al
- [Y] US 6475128 B1 20021105 - WALLACE MICHAEL D [US], et al
- [A] US 5827162 A 19981027 - RUBIN EPHRAIM [US], et al
- [A] DE 850989 C 19520929 - BOBST & SOHN A G J
- [A] DE 19828821 A1 19991209 - JAGENBERG DIANA GMBH [DE]
- [A] US 2391170 A 19451218 - LABOMBARDE HAROLD S
- [A] EP 0654434 A1 19950524 - FERAG AG [CH]
- [A] EP 1350617 A1 20031008 - BOBST SA [CH]
- [A] WO 0002721 A1 20000120 - BOBST GROUP INC [US]

Cited by
ITTO20090909A1; CN100436289C; CN110588058A; US8550970B2; DE102022105319A1

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

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1593483 A2 20051109; EP 1593483 A3 20071114; EP 1593483 B1 20161130; CN 1727177 A 20060201; CN 1727177 B 20100505; DE 102004022209 A1 20051201; ES 2616541 T3 20170613; JP 2005319802 A 20051117; US 2005250634 A1 20051110; US 7258655 B2 20070821

DOCDB simple family (application)
EP 05103498 A 20050428; CN 200510092268 A 20050430; DE 102004022209 A 20040504; ES 05103498 T 20050428; JP 2005135204 A 20050506; US 12287805 A 20050504