

Title (en)
Gathering and stitching machine for brochures

Title (de)
Sammelhefter für Broschüren

Title (fr)
Assembleuse et brocheuse pour brochures

Publication
EP 1593526 B1 20120627 (DE)

Application
EP 05102766 A 20050408

Priority
DE 102004021960 A 20040504

Abstract (en)
[origin: EP1593526A2] The gather-stitcher comprises a stitch machine, an incrementally fed output station, a feed device to feed the brochures along a trim line and transporting components, which carry the brochures from the output station to the feed device. Sensors (46) transmit phase positions of the machine and signals from the transport components to a control system (48) which processes these signals to control one of the transport components, so that at any phase of the stitch machine the nominal trim line is on the trim plane independently of the brochure width.

IPC 8 full level
B26D 7/01 (2006.01); **B42B 4/00** (2006.01); **B42C 1/12** (2006.01); **B42C 19/02** (2006.01); **B42C 19/08** (2006.01)

CPC (source: EP US)
B42B 4/00 (2013.01 - EP US); **B42C 1/12** (2013.01 - EP US); **B42C 19/02** (2013.01 - EP US); **B42C 19/08** (2013.01 - EP US)

Cited by
EP3587136A1; DE102008058953A1; CN110654133A; EP3599103A1; US11034535B2; US11021000B2

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

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EP 1593526 A2 20051109; EP 1593526 A3 20060705; EP 1593526 B1 20120627; DE 102004021960 A1 20051201; JP 2005319799 A 20051117; US 2005249575 A1 20051110; US 7628389 B2 20091208

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