

Title (en)
Method for controlling a saddle stitching machine feeder

Title (de)
Verfahren zum Steuern eines Anlegers einer Sammelheftmaschine

Title (fr)
Procédé de commande du margeur d'une assembleuse

Publication
EP 2604438 A3 20140122 (DE)

Application
EP 12193360 A 20121120

Priority
DE 102011120994 A 20111214

Abstract (en)
[origin: EP2604438A2] The method involves separating folded sheets (7-9) one after another from a stack of a magazine using grippers. The separated sheets are laid on a transport device i.e. endlessly circulating gathering chain (10). Each gripper is opened and closed such that a stitching device i.e. stitching station (5), is actuated under remote control using actuating signals from a control device. The actuating signals are generated from data relating to dimensions and number of pages of the sheets. An item of data relating to the sheets is entered into the control device before actuating the gripper. The item of data is selected from a group consisting of sheet widths, spine length, grammage and number of pages.

IPC 8 full level
B42B 2/00 (2006.01); **B42B 4/00** (2006.01); **B42B 9/00** (2006.01); **B42B 9/02** (2006.01); **B42B 9/04** (2006.01); **B42C 1/12** (2006.01); **B65H 3/08** (2006.01); **B65H 5/30** (2006.01); **B65H 5/32** (2006.01); **B65H 39/00** (2006.01)

CPC (source: EP US)
B42B 4/00 (2013.01 - EP US); **B42B 9/02** (2013.01 - EP US); **B42B 9/04** (2013.01 - EP US); **B42C 1/12** (2013.01 - EP US); **B65H 3/0875** (2013.01 - EP US); **B65H 5/307** (2013.01 - EP US); **B65H 5/32** (2013.01 - EP US); **B65H 39/00** (2013.01 - US); **B65H 39/043** (2013.01 - EP US); **B65H 39/055** (2013.01 - EP US); **B65H 2301/322** (2013.01 - EP US); **B65H 2511/415** (2013.01 - EP US); **B65H 2513/50** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Citation (search report)
• [AD] DE 19841265 A1 20000316 - BREHMER BUCHBINDEREIMASCHINEN [DE]
• [A] EP 0917965 A1 19990526 - BREHMER BUCHBINDEREIMASCHINEN [DE]
• [A] EP 1525998 A2 20050427 - HEIDELBERGER DRUCKMASCH AG [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2604438 A2 20130619; EP 2604438 A3 20140122; EP 2604438 B1 20150603; CN 103158388 A 20130619; CN 103158388 B 20170616; DE 102011120994 A1 20130620; JP 2013123918 A 20130624; JP 6253229 B2 20171227; US 2013154177 A1 20130620; US 9415969 B2 20160816

DOCDB simple family (application)
EP 12193360 A 20121120; CN 201210544268 A 20121214; DE 102011120994 A 20111214; JP 2012272440 A 20121213; US 201213714709 A 20121214