

Title (en)

Gathering stitcher with variable chain distribution

Title (de)

Sammelhefter mit variabler Kettenteilung

Title (fr)

Assembleuse et brocheuse dotée d'une chaîne variable

Publication

EP 1939008 A3 20090617 (DE)

Application

EP 07120479 A 20071112

Priority

DE 102006057681 A 20061207

Abstract (en)

[origin: EP1939008A2] The stitcher (100) has an endless gatherer chain (20) comprising a set of fixed chain roof segments connected together for forming a chain roof to gather and transport folded sheets (201-209), where driving elements of the gatherer chain are adjustable between an inactive position and an active position. The driving elements project out of the chain roof transversely relative to a conveying direction of the gatherer chain. A control device is provided for driving the driving elements. An inkjet device (2) is fitted to a side of a gathering section. An independent claim is also included for a method for adapting an endless gatherer chain of a gatherer stitcher to a format of a product to be processed.

IPC 8 full level

B42B 4/00 (2006.01); **B65H 5/32** (2006.01)

CPC (source: EP US)

B42B 4/00 (2013.01 - EP US); **B65H 5/32** (2013.01 - EP US); **B65H 2404/321** (2013.01 - EP US); **B65H 2511/10** (2013.01 - EP US)

Citation (search report)

- [DA] EP 0916514 A1 19990519 - BREHMER BUCHBINDEREIMASCHINEN [DE]
- [A] US 3807547 A 19740430 - MUELLER H
- [A] GB 688375 A 19530304 - CAMCO MACHINERY LTD

Cited by

EP2346761A4; US8876099B2; EP2119568B1

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1939008 A2 20080702; EP 1939008 A3 20090617; EP 1939008 B1 20110713; AT E516152 T1 20110715; CN 101195313 A 20080611; CN 101195313 B 20110316; DE 102007053490 A1 20080612; JP 2008143175 A 20080626; US 2008136082 A1 20080612; US 7762538 B2 20100727

DOCDB simple family (application)

EP 07120479 A 20071112; AT 07120479 T 20071112; CN 200710196785 A 20071206; DE 102007053490 A 20071109; JP 2007313077 A 20071204; US 95226907 A 20071207