

Title (en)
Thread sewing machine

Title (de)
Fadenheftmaschine

Title (fr)
Couseuse au fil textile

Publication
EP 2492107 B1 20130724 (DE)

Application
EP 12156129 A 20120220

Priority
CH 3322011 A 20110225

Abstract (en)
[origin: EP2492107A1] The machine has a transport system including a transport section, where signatures (100, 200) lying astride of a sewing station (300) are supplied on the section. The section includes an auxiliary saddle (1) retrofitted with a continuously running actuator chain (5). A sewing saddle (2) is provided with a sheet insertion system (7) for the signatures. A photo cell (9) for detecting a local position and a timepoint of the signatures is provided for the sewing saddle. The chain is operated with a speed change based on an immediate sequence of different sheet lengths of the signatures. An independent claim is also included for a method for operating a thread sewing machine for processing signatures for book blocks.

IPC 8 full level
B42B 2/02 (2006.01); **B42B 9/04** (2006.01); **B42C 19/08** (2006.01)

CPC (source: EP US)
B42B 2/02 (2013.01 - EP US); **B42C 19/04** (2013.01 - EP US); **B42C 19/08** (2013.01 - EP US)

Cited by
EP3009267A1; US9346256B2

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

DOCDB simple family (publication)
EP 2492107 A1 20120829; EP 2492107 B1 20130724; CN 102649378 A 20120829; CN 102649378 B 20160504; US 2012219385 A1 20120830; US 8876098 B2 20141104

DOCDB simple family (application)
EP 12156129 A 20120220; CN 201210043607 A 20120224; US 201213403187 A 20120223