

Title (en)
Casing-in machine

Title (de)
Buchblockeinhängemaschine

Title (fr)
Machine d'emboîtement

Publication
EP 2316658 A2 20110504 (EN)

Application
EP 10188895 A 20101026

Priority
IT TO20090824 A 20091027

Abstract (en)

The machine (10) comprises a first machine part (12) arranged to prepare and supply the covers (C) and a second machine part (14) arranged to prepare the book blocks (B) and to apply the covers (C) supplied by the first machine part (14) onto the book blocks (B). The second machine part (14) has a book block loading area (26) for loading the book blocks (B), a working area (28) for applying the covers (C) onto the book blocks (B) and a book unloading area (30) for unloading the cased-in books. The working area (28) comprises a glue spreading station (36) arranged to spread the glue each time onto a book block (B), a cover applying station (38) arranged to insert each time a book block (B) into the respective cover (C), and a pressing station (40) arranged to press each time the assembly formed by a book block (B) and by the respective cover (C). The book block loading area (26), the glue spreading station (36), the cover applying station (38), the pressing station (40) and the book unloading area (30) are arranged vertically in order from the top to the bottom. The machine further comprises a moving device (58) arranged to move each time a book block (B) from the exit of the book block loading area (26) to the entry of the book unloading area (30) through the working area (28) only by vertical translational movement from the top to the bottom with the book block (B) disposed so as to have its spine facing downwards and oriented horizontally.

IPC 8 full level
B42C 11/02 (2006.01); **B42C 9/00** (2006.01); **B42C 19/08** (2006.01)

CPC (source: EP)
B42C 11/02 (2013.01)

Citation (applicant)
• WO 2007128536 A1 20071115 - TECHNOGRAF S R L [IT], et al
• US 2008056735 A1 20080306 - SORITA HIROYUKI [JP], et al

Cited by
CN104827798A; CN110053389A

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 2316658 A2 20110504; **EP 2316658 A3 20110629**; IT 1397280 B1 20130104; IT TO20090824 A1 20110428

DOCDB simple family (application)
EP 10188895 A 20101026; IT TO20090824 A 20091027