

Title (en)
BINDER

Title (de)
BINDEMITTEL

Title (fr)
DISPOSITIF DE LIAISON

Publication
EP 3617079 A1 20200304 (EN)

Application
EP 18791302 A 20180425

Priority
• JP 2017088483 A 20170427
• JP 2018022386 A 20180209
• JP 2018075141 A 20180410
• JP 2018016887 W 20180425

Abstract (en)
The present invention is provided with: a driver (25) that is caused to move linearly by a drive mechanism (22); and a clincher (18) that is disposed at a position to receive a tip of the driver (25). An insertion port (16) for insertion of an object to be bound (50) is disposed between the driver (25) and the clincher (18). A standby section (37) that stands by in a state in which a binding tool (41) is available to be pushed out is disposed between the driver (25) and the insertion port (16). When the driver mechanism (22) is activated, the driver ("5) pushes out the binding tool (41) which has been supplied to the standby section (37), and a leg section (41a) of the binding tool (41) that has been pushed out is pushed against the clincher (18) and deforms.

IPC 8 full level
B65B 13/34 (2006.01); **B25B 25/00** (2006.01); **B65B 27/00** (2006.01)

CPC (source: EP KR US)
B25B 25/00 (2013.01 - KR); **B65B 13/025** (2013.01 - EP KR); **B65B 13/34** (2013.01 - EP); **B65B 13/345** (2013.01 - KR US); **B65B 27/00** (2013.01 - EP KR); **B65B 27/10** (2013.01 - EP US); **E04G 21/123** (2013.01 - EP); **E04G 21/123** (2013.01 - US)

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 3617079 A1 20200304; **EP 3617079 A4 20201230**; CN 110494365 A 20191122; JP 2019135173 A 20190815; JP 6992657 B2 20220113; KR 20200002800 A 20200108; TW 201841799 A 20181201; TW I709511 B 20201111; US 2020354096 A1 20201112; WO 2018199197 A1 20181101

DOCDB simple family (application)
EP 18791302 A 20180425; CN 201880020342 A 20180425; JP 2018016887 W 20180425; JP 2018075141 A 20180410; KR 20197027741 A 20180425; TW 107114230 A 20180426; US 201816496628 A 20180426