

Title (en)
ASSEMBLY DEVICE AND METHOD FOR ASSEMBLING COMPONENTS

Title (de)
MONTAGEVORRICHTUNG UND VERFAHREN ZUM MONTIEREN VON BAUTEILEN

Title (fr)
DISPOSITIF DE MONTAGE ET PROCÉDÉ POUR MONTER DES COMPOSANTS

Publication
EP 3976319 A1 20220406 (DE)

Application
EP 20731801 A 20200520

Priority
• DE 102019114564 A 20190529
• DE 202019103065 U 20190529
• EP 2020064091 W 20200520

Abstract (en)
[origin: WO2020239581A1] The invention relates to an assembly device (1), in particular for pressing and/or retracting components into an opening (301) provided for this purpose in a housing part (300) or the like and/or for slipping on and/or pulling off components, said device comprising: a base body (2) and a counterpart (3), the base body (2) having a receiving means (4) for receiving the counterpart (3); a tube means (5) having a contact section (6), the tube means (5) being pushed over sections of the base body (2), and the tube means (5) and the base body (2) being displaceable relative to one another by means of at least one actuator means (7) so that the distance between the contact section (6) and the receiving means (4) can be varied. In a method for pressing in components, a component (100) is positioned in front of one side of an opening (301), the counterpart (3) is guided from the other side of the opening (301) through the opening (301) and the component (100), the counterpart (3) is connected to the base body (2) via the receiving means (4), and the distance between the contact section (6) and the receiving means (4) is changed by means of the actuator means (7) in order to press in the bearing (100). The method for retracting components (200) works in the same way, wherein the counterpart (3) is attached to the component (200).

IPC 8 full level
B25B 27/00 (2006.01); **B25B 27/06** (2006.01)

CPC (source: CN EP US)
B25B 27/00 (2013.01 - CN); **B25B 27/06** (2013.01 - CN EP 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)
WO 2020239581 A1 20201203; AU 2020281592 A1 20211216; BR 112021023907 A2 20220125; CN 113891781 A 20220104;
EP 3976319 A1 20220406; US 2022219298 A1 20220714

DOCDB simple family (application)
EP 2020064091 W 20200520; AU 2020281592 A 20200520; BR 112021023907 A 20200520; CN 202080039365 A 20200520;
EP 20731801 A 20200520; US 202017595664 A 20200520