

Title (en)
NON-DETACHABLE SECURING DEVICE

Title (de)
UNLÖSBARE BEFESTIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE FIXATION INAMOVIBLE

Publication
EP 3714173 A1 20200930 (DE)

Application
EP 19700327 A 20190102

Priority
• DE 102018101944 A 20180129
• EP 2019050036 W 20190102

Abstract (en)
[origin: WO2019145123A1] The invention relates to a non-detachable securing device (10), in particular an engaging connection, for connecting multiple material parts, comprising an engaging pin (12) and a retaining element (14), each having multiple engaging protrusions, which can be engaged with one another by sliding the engaging pin and the retaining element inside one another and by means of at least partially reversible deformation or bending of the engaging pin and/or the retaining element in the region of the engaging protrusions. The resulting engaging connection permits the engaging pin and the retaining element to be further slid inside one another and prevents them from being pulled apart, wherein the material parts are clamped between the engaging pin and the retaining element by guiding a part of the engaging pin through the material parts.

IPC 8 full level
F16B 2/14 (2006.01); **F16B 5/06** (2006.01); **F16B 21/07** (2006.01); **F16B 21/18** (2006.01); **F16B 37/08** (2006.01); **F16B 43/00** (2006.01)

CPC (source: EP)
F16B 21/073 (2013.01); **F16B 43/009** (2013.01); **F16B 2/14** (2013.01); **F16B 5/0642** (2013.01); **F16B 21/186** (2013.01); **F16B 37/0842** (2013.01)

Citation (search report)
See references of WO 2019145123A1

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 2019145123 A1 20190801; DE 102018101944 A1 20190801; EP 3714173 A1 20200930

DOCDB simple family (application)
EP 2019050036 W 20190102; DE 102018101944 A 20180129; EP 19700327 A 20190102