

Title (en)
JOINING SYSTEM

Title (de)
VERBINDUNGSSYSTEM

Title (fr)
SYSTÈME D'ASSEMBLAGE

Publication
EP 2864560 A1 20150429 (EN)

Application
EP 12879348 A 20120621

Priority
SE 2012050702 W 20120621

Abstract (en)
[origin: WO2013191607A1] The present invention relates to a joining system comprising a locking device (1) and a first element (2) and a second element (3) to be joined by the locking device (1). The locking device (1) comprises a first end section (4), a centre section (5), and a second end section (6). The first and second end sections (4, 6) extend in opposite directions from the centre section (5), and at least one surface (7) of each of the first and second end sections (4, 6) are provided with at least one barb (8). The barb (8) is angled in a direction towards the centre section (5). The first and second elements (2, 3) are each provided with a groove (9). The locking device (1) is completely enclosed by the grooves (9) when the first and second elements (2, 3) are joined by the locking device (1).

IPC 8 full level
E04F 15/02 (2006.01); **E04B 1/61** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP US)
E04F 15/02005 (2013.01 - US); **E04F 15/02038** (2013.01 - EP US); **E04F 15/041** (2013.01 - EP US); **E04B 1/615** (2013.01 - EP US); **E04F 2201/0107** (2013.01 - EP US); **E04F 2201/044** (2013.01 - EP US); **E04F 2201/0505** (2013.01 - EP US); **E04F 2201/0511** (2013.01 - 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 2013191607 A1 20131227; CA 2876415 A1 20131227; CN 104364455 A 20150218; EP 2864560 A1 20150429; EP 2864560 A4 20160427; US 2015361674 A1 20151217

DOCDB simple family (application)
SE 2012050702 W 20120621; CA 2876415 A 20120621; CN 201280074034 A 20120621; EP 12879348 A 20120621; US 201214409766 A 20120621