

Title (en)

CONNECTION ELEMENT, METHOD FOR MANUFACTURING A CONNECTION ELEMENT AND RELATED INSTALLATION KIT

Title (de)

VERBINDUNGSELEMENT, VERFAHREN ZUM HERSTELLEN EINES VERBINDUNGSELEMENTS UND ZUGEHÖRIGES INSTALLATIONSKIT

Title (fr)

ÉLÉMENT DE RACCORDEMENT, PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE RACCORDEMENT ET KIT D'INSTALLATION ASSOCIÉ

Publication

**EP 4077829 A1 20221026 (EN)**

Application

**EP 20838622 A 20201217**

Priority

- IT 201900024511 A 20191218
- IB 2020062100 W 20201217

Abstract (en)

[origin: WO2021124192A1] A connection element (12) made of composite material comprises a bundle of fibres (13) and a binding agent, and comprises at least one preformed portion (14) and at least one free fibre portion (16, 18, 19). The at least one preformed portion (14) comprises a section of fibres (13) embedded in the binding agent to form a monolithic structure. At least part of the fibres (13) of the at least one free fibre portion (16, 18, 19) consists of virgin fibres (13).

IPC 8 full level

**E04C 5/07** (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP US)

**E04B 1/41** (2013.01 - US); **E04C 5/07** (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2021124192 A1 20210624**; CA 3165303 A1 20210624; CN 114945726 A 20220826; EP 4077829 A1 20221026; IT 201900024511 A1 20210618; US 2023012652 A1 20230119

DOCDB simple family (application)

**IB 2020062100 W 20201217**; CA 3165303 A 20201217; CN 202080093443 A 20201217; EP 20838622 A 20201217; IT 201900024511 A 20191218; US 202017787178 A 20201217