

Title (en)

DEVICE FOR CONNECTING THE STRUCTURAL ELEMENTS OF RIBS AND RETICULAR STRUCTURES

Title (de)

VORRICHTUNG ZUM VERBINDEN DER STRUKTURELEMENTE VON RIPPEN UND GITTERSTRUKTUREN

Title (fr)

DISPOSITIF DE RACCORDEMENT D'ÉLÉMENTS STRUCTURAUX DE NERVURES ET DE STRUCTURES RÉTICULAIRES

Publication

**EP 3152399 A2 20170412 (EN)**

Application

**EP 15732416 A 20150528**

Priority

- IT BO20140324 A 20140604
- IB 2015054023 W 20150528

Abstract (en)

[origin: WO2015186029A2] A device for connecting the structural elements, in particular elements of ribs, reticular structures and similar, comprises at least a first housing (4; 44; 403; 411) having a cavity (14; 414; 144) and capable of being associated with a first structural element (2; 20; 200; 121), at least one connection body (5; 56; 511) having at least one insertion portion (119; 58; 591) for insertion in the said cavity (14; 414; 144) of the said first housing (4; 44; 403; 411) and capable of being associated with a second structural element (3; 30; 131), and locking means (11, 12, 13, 15, 17; 60, 61, 62, 63, 47; 621, 623, 653) for locking the said insertion portion (119; 58; 591) of the said connection body (5; 56; 511) inside the said cavity (14; 414; 144).

IPC 8 full level

**E21D 11/22** (2006.01); **E21D 11/24** (2006.01)

CPC (source: EP US)

**E04B 1/2403** (2013.01 - US); **E04B 1/388** (2023.08 - US); **E21D 11/22** (2013.01 - EP US); **E21D 11/24** (2013.01 - EP US); **E21D 11/40** (2013.01 - EP US); **E04B 2001/2451** (2013.01 - US); **E04B 2001/2457** (2013.01 - US)

Citation (search report)

See references of WO 2015186029A2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015186029 A2 20151210**; **WO 2015186029 A3 20160915**; AU 2015270177 A1 20170112; BR 112016028327 A2 20170822; BR 112016028327 B1 20220607; CA 2949446 A1 20151210; CL 2016003125 A1 20171020; CN 106795766 A 20170531; CN 106795766 B 20200114; EP 3152399 A2 20170412; PE 20170596 A1 20170528; SG 11201609645Y A 20161229; US 2017096895 A1 20170406

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