

Title (en)

Automatic coupling device for transportable and dismountable bridges

Title (de)

Vorrichtung zum automatischen Kuppeln von transportablen bzw. zerlegbaren Brücken

Title (fr)

Dispositif d'accrochage automatique pour des ponts transportables et démontables

Publication

**EP 0711873 A3 19961113 (DE)**

Application

**EP 95116537 A 19951020**

Priority

DE 4439844 A 19941108

Abstract (en)

[origin: EP0711873A2] The device incorporates coupling hooks (5) and coupling accommodations (6). The hooks are articulately connected with the bridge module runs (1.1, 1.2) and the accommodations are rigidly connected. The hooks and accommodations are asymmetrically arranged on the bridge module runs so that, when viewed from above and from the side, an accommodation is arranged near, below and over each hook. The front part of each coupling hook is widened hammer-head-fashion in relation to its central part. The shape of each coupling accommodation corresponds to that of the coupling hook, although with slightly larger dimensions. The hooks, when viewed from the side, are wedge-shaped.

IPC 1-7

**E01D 15/127**

IPC 8 full level

**E01D 15/127** (2006.01); **E01D 15/133** (2006.01)

CPC (source: EP)

**E01D 15/127** (2013.01); **E01D 15/133** (2013.01)

Citation (search report)

- [DA] EP 0563418 A1 19931006 - KRUPP FOERDERTECHNIK GMBH [DE]
- [A] EP 0407274 A1 19910109 - MEDITERRANEE CONST IND [FR]
- [A] EP 0210010 A2 19870128 - ROBISHAW ALCES P [US], et al

Cited by

DE102010038126A1; DE102010038127A1; DE102010038127B4; WO2012059097A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0711873 A2 19960515; EP 0711873 A3 19961113; DE 4439844 A1 19960530**

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