

Title (en)

Dismountable bridge and vehicle for placing the bridge.

Title (de)

Zerlegbare Brücke und Fahrzeug zum Verlegen der Brücke.

Title (fr)

Pont démontable et véhicule pour la pose du pont.

Publication

**EP 0490094 B1 19950628 (DE)**

Application

**EP 91119218 A 19911112**

Priority

DE 4038763 A 19901205

Abstract (en)

[origin: EP0490094A1] In this bridge, bridge sections (2 = 2.1, ..., 2.n) of identical construction are used both as ramp or end sections (2.1, 2.n) and as centre or intermediate sections (2.2, ...). Each bridge section (2) has a bottom chord (41) which consists of individual sections (38 to 40) connected to one another in an articulated manner. Each bridge section (2) has a continuous shaft arrangement (11, 7, 19, 7') by means of which the sections (38 to 40) can be extended downwards for increasing the stability of the bridge via couplings (16/30, 7/43/44/35) which can be engaged independently of one another and mechanical transmission elements (21 to 23, 35 to 37). When one bridge section (2) is coupled to only one other bridge section, only the part (38, 39) of the bottom chord (41) facing the other bridge section is extended downwards during coupling between two different bridge sections of the entire bottom chord (41). An associated placing vehicle (65) has a rotary drive (77) for the shaft arrangement (11, 7, 19, 7'). <IMAGE>

IPC 1-7

**E01D 15/12**

IPC 8 full level

**E01D 15/12** (2006.01); **E01D 15/127** (2006.01)

CPC (source: EP)

**E01D 15/124** (2013.01); **E01D 15/127** (2013.01)

Cited by

EP0635832A3; EP0600330A1; US5423101A

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 0490094 A1 19920617**; **EP 0490094 B1 19950628**; DE 4038763 A1 19920611; DE 59105865 D1 19950803

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