

Title (en)
Portable bridge

Title (de)
Verlegebrücke

Title (fr)
Pont déplaçable

Publication
EP 1584748 A2 20051012 (DE)

Application
EP 05007619 A 20050407

Priority
DE 102004016983 A 20040407

Abstract (en)
The Bailey bridge consists of sections to form a profile bridge with at least two carriageways (1a,b), connected by cross struts defining the bridge width, and wedge sections at the end for driving-on. The cross struts are adjustable in length between the bridge sections, to adjust the distance between the sections between min. and max. width. A cross strut is formed by a spindle (5), a pair of trapeze arms (6), and hinge ends (7) on the end of the arm associated with the bridge sections. The other trapeze arm end (8) has a spindle nut moving on the spindle via a thread. The cross strut may also be formed as an adjusting drive, with levers and hydraulic cylinders.

Abstract (de)
Es wird eine luftverladbare Verlegebrücke vorgeschlagen, deren Brückenteile in der Breite einstellbar sind, so dass eine kleine Transportbreite und eine große Nutzbreite von zum Beispiel 3,50 m einstellbar sind. Dazu sind Querstreben (4, 4a) zwischen den Brückenteilen (1a, 1b) in ihrer Länge verstellbar, wodurch der Abstand der Brückenteile (1a, 1b) einstellbar ist zwischen einer geringsten und einer größten Breite der Brücke (1).
<IMAGE>

IPC 1-7
E01D 15/12

IPC 8 full level
E01D 15/12 (2006.01)

CPC (source: EP)
E01D 15/124 (2013.01)

Citation (applicant)

- EP 0172695 B1 19900207
- DE 19858328 C1 20000330 - DORNIER GMBH [DE]
- DE 20021451 U1 20010523 - PECHMANN RAIK [DE], et al
- EP 0988424 B1 20020403 - DORNIER GMBH [DE]

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Designated contracting state (EPC)
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