

Title (en)

GAP-BRIDGING DEVICE FOR EXPANSION JOINTS IN THE DECKING OF BRIDGE ROADS OR THE LIKE

Publication

EP 0090986 A3 19841003 (DE)

Application

EP 83102700 A 19830318

Priority

DE 3212717 A 19820405

Abstract (en)

[origin: US4516284A] In the case of a bridging arrangement for expansion joints in the carriageways of bridges or the like having a plurality of parallel plates (1-5) which are adjacent to the surface of the carriageway, run at right-angles to the direction of the carriageway and are supported on bars (6-10) which bridge the joint gap and are displaceably mounted in the edges (14, 15) of the joint, each plate is rigidly connected to two or more bars, but each bar is rigidly connected to not more than one plate. The spacings of the plates is controlled by means of elastomeric bearing members (19), the bars being supported by bearing members of that type that are on one or both of the plates and the two outer bars being supported likewise by bearing members of that type which are on the two edges (14, 15) of the joint, each on a different edge. This type of arrangement of the bearing member described results additionally in an especially even distribution of the vertical loads.

IPC 1-7

E01D 19/06

IPC 8 full level

E01C 11/02 (2006.01); **E01D 19/06** (2006.01)

CPC (source: EP US)

E01D 19/062 (2013.01 - EP US)

Citation (search report)

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- [AD] EP 0039454 A2 19811111 - KOBER AG [CH]
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- [A] US 4058867 A 19771122 - PUCCIO GUY S

Cited by

GB2147031A; CN104822883A; US8376652B2; WO2011072234A1; US9540774B2; WO2014082734A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0090986 A2 19831012; EP 0090986 A3 19841003; AU 1314383 A 19831013; DE 3212717 C1 19831117; JP S58178705 A 19831019; US 4516284 A 19850514; ZA 832399 B 19831228

DOCDB simple family (application)

EP 83102700 A 19830318; AU 1314383 A 19830405; DE 3212717 A 19820405; JP 5170083 A 19830329; US 48164383 A 19830404; ZA 832399 A 19830405