

Title (en)

Bridging device for expansion joints in bridges or the like.

Title (de)

Überbrückungsvorrichtung für Dehnungsfugen in Brücken oder dergleichen.

Title (fr)

Dispositif de pontage pour joints de dilatation dans des ponts ou similaires.

Publication

EP 0512123 B1 19940720 (DE)

Application

EP 91106926 A 19910429

Priority

EP 91106926 A 19910429

Abstract (en)

[origin: EP0512123A1] A bridging device for expansion joints in bridges or the like has lamellae (3) arranged parallel transversely to the longitudinal axis of the traffic route, which are supported on at least two inclined bars (4, 5, 6) which are supported rotatably and displaceably in the joint edges on both sides and bridge the joint obliquely in relation to the longitudinal axis and which are guided rotatably and displaceably in sliding swivel bearings (8) on the underside of the lamellae. The inclined bars (4, 5, 6) are arranged parallel to one another, as a result of which identical support widths for the lamellae (3) are produced. To absorb forces inevitably occurring in the longitudinal direction of the lamellae as a result of movements of the superstructure of the bridge, at least one longitudinal bar (7) is provided preferably on the edge side, which is connected to each of the lamellae (3) displaceably in the longitudinal direction via sliding bearings (8, 14) which are fixed on the underside of the lamellae. <IMAGE>

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)

Cited by

RU2643115C2; CN110331660A; WO2014154850A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 0512123 A1 19921111; **EP 0512123 B1 19940720**; AT E108845 T1 19940815; CN 1039359 C 19980729; CN 1067463 A 19921230; DE 59102265 D1 19940825; JP 3283901 B2 20020520; JP H05132906 A 19930528; US 5302050 A 19940412

DOCDB simple family (application)

EP 91106926 A 19910429; AT 91106926 T 19910429; CN 92103990 A 19920429; DE 59102265 T 19910429; JP 10818992 A 19920428; US 86008492 A 19920330