

Title (en)
Bridging device for joints

Title (de)
Überbrückungsvorrichtung für Fugenspalte

Title (fr)
Dispositif de recouvrement pour joints

Publication
EP 1355009 A3 20051019 (DE)

Application
EP 03007447 A 20030403

Priority
• DE 10217042 A 20020417
• DE 10222690 A 20020522

Abstract (en)
[origin: EP1355009A2] Bridging device for joint gaps (1) between construction components (2, 3), especially bridge components, comprises an extending joint construction (4) bridging the joint gap and allowing positional changes of the components relative to each other within defined first limits. A safety device (12, 15) allows the components to change position within second limits which do not reach the first limits without the components and/or joint construction separating. The safety device has at least two elements connected to each other which separate when a defined limit is exceeded. One element is fixed to one of the components whilst the other element is part of the joint construction.

IPC 1-7
E01D 19/06

IPC 8 full level
E01C 5/00 (2006.01); **E01C 11/02** (2006.01); **E01D 2/00** (2006.01); **E01D 18/00** (2006.01); **E01D 19/06** (2006.01); **E04B 1/62** (2006.01)

CPC (source: EP US)
E01D 19/062 (2013.01 - EP US)

Citation (search report)
• [X] FR 2775991 A1 19990917 - EQUIP TECH POUR L IND DE LA CO [FR]
• [X] WO 0198599 A1 20011227 - DEVLIN SEAMUS MICHAEL [GB]
• [AD] EP 0821104 A2 19980128 - MAURER FRIEDRICH SOEHNE [DE]
• [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 237 (M - 1408) 13 May 1993 (1993-05-13)

Cited by
US9540774B2; RU2702487C2; CN108130856A; DE102012023129B3; CN104822883A; RU2642737C2; WO2014082734A1; WO2016113312A1

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JP 2003342913 A 20031203; JP 4707938 B2 20110622; US 2003196400 A1 20031023; US 6931807 B2 20050823

DOCDB simple family (application)
EP 03007447 A 20030403; IL 15532303 A 20030409; JP 2003110067 A 20030415; US 41492203 A 20030416