

Title (en)

An expansion joint, and an elastically yielding member for use in an expansion joint

Title (de)

Dehnungsfuge und elastisch verformbares Element für den Einsatz in einer Dehnungsfuge

Title (fr)

Joint de dilatation et élément déformable élastiquement à être utilisé dans un joint de dilatation

Publication

EP 1516963 A1 20050323 (EN)

Application

EP 03388063 A 20030919

Priority

EP 03388063 A 20030919

Abstract (en)

The invention concerns an expansion joint (10) for installation across a gap between adjacent concrete slabs (2, 2') in a civil engineering structure, the slabs (2, 2') having in the area of said gap a front side (3, 3'), the expansion joint (10) including i) an elongated rigid bridging member (15) for spanning said gap and ii) elongated elastically yielding members (35, 35') yielding elastically in response to dimensional changes of said slabs (2, 2') and adjoining said bridging member (15), the elastically yielding members (35, 35') being adapted to be supported by a respective concrete slab (2, 2') near said front side (3, 3'). The elastically yielding members (35, 35') are preformed blocks that include means for the connection thereof to the bridging member (15) as well as to the respective concrete slab (2, 2'). <IMAGE>

IPC 1-7

E01D 19/06

IPC 8 full level

E01D 19/06 (2006.01)

CPC (source: EP)

E01D 19/06 (2013.01)

Citation (applicant)

US 5791111 A 19980811 - BEENDERS TORSTEN [DE]

Citation (search report)

- [XY] US 3745726 A 19730717 - THOM W
- [YA] FR 2672914 A1 19920821 - GUTTATERNA [FR]
- [YA] US 3324774 A 19670613 - ANTONIO BOSCHI
- [X] EP 0499854 A1 19920826 - SPECIALTIES CONST [US]

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CN104562928A; DE102014018533A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1516963 A1 20050323

DOCDB simple family (application)

EP 03388063 A 20030919