

Title (en)
Transition structure

Title (de)
Übergangskonstruktion

Title (fr)
Structure de transition

Publication
EP 1645691 A1 20060412 (DE)

Application
EP 05105276 A 20050615

Priority
• EP 04023779 A 20041006
• EP 05105276 A 20050615

Abstract (en)
The structure transits between two restraint systems with greater and lower compliance. The system with greater compliance comprises concrete restraint units that are set side by side on a road surface. The restraint systems are connected in an abutting manner. The system with greater compliance comprises damping units (20a-20i) on a side averted from roadway, where the damping units reduce compliance section.

IPC 8 full level
E01F 15/02 (2006.01); **E01F 15/04** (2006.01); **E01F 15/08** (2006.01)

CPC (source: EP US)
E01F 15/025 (2013.01 - EP US); **E01F 15/04** (2013.01 - EP US); **E01F 15/083** (2013.01 - EP US)

Citation (applicant)
• EP 1293610 A2 20030319 - TSS TECH SICHERHEITS SYSTEME G [DE]
• DE 3742356 A1 19890629 - SPS SCHUTZPLANKEN GMBH [DE]

Citation (search report)
[DX] DE 3742356 A1 19890629 - SPS SCHUTZPLANKEN GMBH [DE]

Cited by
DE202013004918U1; DE102014209121B4; DE202010001873U1; DE102007042392A1; EP2034094A2; DE102014209121A1; EP2354314A1; EP2472007A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2006072967 A1 20060406; AT E356255 T1 20070315; DE 202005020638 U1 20060504; DE 502005000448 D1 20070419; EP 1645691 A1 20060412; EP 1645691 B1 20070307; ES 2284131 T3 20071101; PL 1645691 T3 20070731; PT 1645691 E 20070618; SI 1645691 T1 20070831

DOCDB simple family (application)
US 22639905 A 20050914; AT 05105276 T 20050615; DE 202005020638 U 20050615; DE 502005000448 T 20050615; EP 05105276 A 20050615; ES 05105276 T 20050615; PL 05105276 T 20050615; PT 05105276 T 20050615; SI 200530020 T 20050615