

Title (en)  
A PAVEMENT JOINT

Title (de)  
PFLASTERFUGE

Title (fr)  
JOINT DE TROTTOIR

Publication  
**EP 1766140 A4 20110504 (EN)**

Application  
**EP 05742216 A 20050519**

Priority  
• AU 2005000717 W 20050519  
• AU 2004902665 A 20040519

Abstract (en)  
[origin: WO2005111308A1] A pavement joint (101, 102) disposed between two contiguous pavement slabs (103, 104 and 105) incorporating a shear key (12, 13, 22 and 23) and at least one hinge (37, 38, 39 and 40). The shear key and the at least one hinge are operative when at least one of the slabs is subjected to out-of-plane action P with the shear key transferring shear between the slabs, and the at least one hinge accommodating angular displacement of the slabs relative to the joint axis in at least one direction. In one form, a joint member (20) is disposed between the slabs to provide the shear key and hinge. A joint member and pavement slab for use in the joint is also described.

IPC 8 full level  
**E01C 11/12** (2006.01); **E01C 5/00** (2006.01); **E01C 11/00** (2006.01); **E01C 11/04** (2006.01); **E01C 11/10** (2006.01)

CPC (source: EP)  
**E01C 5/005** (2013.01); **E01C 11/106** (2013.01)

Citation (search report)  
• [XY] FR 2602253 A1 19880205 - LATHOUMETIE ALAIN [FR]  
• [X] EP 0408479 A1 19910116 - TECHNOLOGIES SPECIALES INGENIE [FR]  
• [Y] WO 9828500 A1 19980702 - PEDRINI PETER [AU]  
• [Y] FR 1366499 A 19640710 - GROSSPETER LINDEMANN GMBH  
• [Y] DE 1759598 A1 19710616 - SCHWARZ GEB SCHOPF, et al  
• [Y] US 2716373 A 19550830 - SCRIVNER FRANK H, et al  
• See references of WO 2005111308A1

Designated contracting state (EPC)  
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**WO 2005111308 A1 20051124**; CA 2566889 A1 20051124; CA 2566889 C 20140812; EP 1766140 A1 20070328; EP 1766140 A4 20110504; JP 2007538182 A 20071227; JP 5679619 B2 20150304

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