

Title (en)
Sealing device for sealing of joints

Title (de)
Dichtungsvorrichtung zum Abdichten von Fugen

Title (fr)
Dispositif d'étanchéité pour étancher des jointures

Publication
EP 1683924 B1 20070627 (DE)

Application
EP 05022363 A 20040803

Priority
• EP 04018388 A 20040803
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Abstract (en)
[origin: EP1505216A1] The seal system (1) to fill a joint between two bodies, and especially concrete blocks, has an injection body (2) fitted to an outer surface (26) of the block, with an injection channel (12) to insert the sealing material. The channel has at least one opening at the joint side, and a covering hollow profile strip (3) within a valve seat channel (13), to prevent sealing material returning into the channel. The covering strip is of an elastic rubber material, structured to reduce its cross section on an injection pressure towards the joint, and allow the sealing material to flow through around its sides.

IPC 8 full level
E04B 1/68 (2006.01); **E04B 1/682** (2006.01)

CPC (source: EP KR US)
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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HR LT LV

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EP 1505216 A1 20050209; EP 1505216 B1 20071121; AR 045358 A1 20051026; AT E365838 T1 20070715; AU 2004202892 A1 20050224; AU 2004202892 B2 20070614; BR PI0403275 A 20050412; CA 2472875 A1 20050207; CN 100357536 C 20071226; CN 1580433 A 20050216; DE 502004004214 D1 20070809; DE 502004005549 D1 20080103; DK 1683924 T3 20071022; EP 1683924 A1 20060726; EP 1683924 B1 20070627; ES 2289637 T3 20080201; HK 1073344 A1 20050930; HK 1088053 A1 20061027; JP 2005054569 A 20050303; KR 100682151 B1 20070212; KR 20050016169 A 20050221; NO 20042607 L 20050208; PL 1683924 T3 20071231; PT 1683924 E 20070927; RU 2004124071 A 20060127; RU 2347868 C2 20090227; SG 115710 A1 20051028; TW 200506152 A 20050216; US 2005029751 A1 20050210

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EP 04018388 A 20040803; AR P040102837 A 20040809; AT 05022363 T 20040803; AU 2004202892 A 20040628; BR PI0403275 A 20040805; CA 2472875 A 20040630; CN 200410070853 A 20040723; DE 502004004214 T 20040803; DE 502004005549 T 20040803; DK 05022363 T 20040803; EP 05022363 A 20040803; ES 05022363 T 20040803; HK 05105983 A 20050714; HK 06108588 A 20060802; JP 2004231336 A 20040806; KR 20040061748 A 20040805; NO 20042607 A 20040622; PL 05022363 T 20040803; PT 05022363 T 20040803; RU 2004124071 A 20040806; SG 200403818 A 20040628; TW 93119116 A 20040629; US 91070204 A 20040803