

Title (en)  
INJECTION PACKER FOR INJECTING SYNTHETIC RESIN INTO THE CRACKS OF CONCRETE

Publication  
**EP 0421072 B1 19930929 (DE)**

Application  
**EP 90114131 A 19900724**

Priority  
• DE 3929776 A 19890907  
• DE 3936040 A 19891028

Abstract (en)  
[origin: EP0421072A1] 2.1 Injection packers for injecting synthetic resin into the cracks of concrete are driven into drillholes, so that epoxy resin can be injected through the injection packer under high injection pressure. 2.2 The injection packer wedges in the drillhole, the splaying forces occurring being transferred into the depth of the drillhole by a sealing sleeve arranged on the front end of the injection packer. The sealing sleeve comprises a softer plastics material than the plastics injection packer body, which receives the spray nipple. <IMAGE>

IPC 1-7  
**E04G 23/02**

IPC 8 full level  
**E04G 23/02** (2006.01)

CPC (source: EP US)  
**E04G 23/0203** (2013.01 - EP US); **E04G 23/0211** (2013.01 - EP US)

Cited by  
FR2802957A1; KR100376991B1; EP0601948A1; FR2698899A1; CN114382310A

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0421072 A1 19910410; EP 0421072 B1 19930929**; AT E95267 T1 19931015; CA 2024468 A1 19910308; CA 2024468 C 19950718; CS 427190 A3 19920318; CZ 279405 B6 19950412; DE 3936040 A1 19910529; DE 59002915 D1 19931104; DK 0421072 T3 19931108; ES 2046612 T3 19940201; HU 208352 B 19930928; HU 905748 D0 19910328; HU T58847 A 19920330; PL 163771 B1 19940531; PL 286394 A1 19910408; PT 95210 A 19920331; PT 95210 B 19980630; RU 2012755 C1 19940515; SK 278244 B6 19960508; US 5079881 A 19920114

DOCDB simple family (application)  
**EP 90114131 A 19900724**; AT 90114131 T 19900724; CA 2024468 A 19900831; CS 427190 A 19900903; DE 3936040 A 19891028; DE 59002915 T 19900724; DK 90114131 T 19900724; ES 90114131 T 19900724; HU 574890 A 19900903; PL 28639490 A 19900808; PT 9521090 A 19900905; SK 427190 A 19900903; SU 4831041 A 19900906; US 57993890 A 19900907