

Title (en)

DEVICE FOR INJECTING SYNTHETIC RESIN INTO THE CRACKS OF CONCRETE UNDER HIGH PRESSURE

Publication

**EP 0088161 B1 19851023 (DE)**

Application

**EP 82111325 A 19821207**

Priority

DE 3203871 A 19820205

Abstract (en)

[origin: ES269960U] A high-pressure packing device for injecting hardenable synthetic resin into cracks in concrete includes a sleeve of plastics to be wedged into a hole drilled in concrete in the region of the crack and an injection needle attached to the sleeve. The outer surface of the sleeve is formed with grooves starting from the front end face of the sleeve and extended axially of the sleeve to permit the synthetic resin injected into the base of the hole through the sleeve to rise along the grooves towards the crack in concrete to seal the crack.

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

FR2606060A1; WO8906731A1

Designated contracting state (EPC)

AT BE CH FR GB IT LI NL

DOCDB simple family (publication)

**EP 0088161 A1 19830914; EP 0088161 B1 19851023**; AT E16213 T1 19851115; BR 8300566 A 19831108; DE 3203871 A1 19830818; DE 3203871 C2 19900215; DK 151725 B 19871228; DK 151725 C 19880613; DK 27183 A 19830806; DK 27183 D0 19830125; ES 269960 U 19830716; ES 269960 Y 19840201; US 4512123 A 19850423

DOCDB simple family (application)

**EP 82111325 A 19821207**; AT 82111325 T 19821207; BR 8300566 A 19830204; DE 3203871 A 19820205; DK 27183 A 19830125; ES 269960 U 19830125; US 45961683 A 19830120