

Title (en)
INJECTION HOSE FOR A DILATATION JOINT IN CONCRETE STRUCTURES

Publication
EP 0199108 B1 19890104 (DE)

Application
EP 86103890 A 19860321

Priority
DE 3512470 A 19850404

Abstract (en)
[origin: US4722479A] An injection hose for construction joints in concrete structures includes an essentially liquid-impermeable base structure of flexible material such as rubber or synthetic material and defining a passage duct. The base structure has along its length radial openings for the escape of injection liquid from the passage duct and, along its length in the area of the radial openings, at least one longitudinal depression for receiving a strip of a material which is compressible under the pressure of the injection liquid and which covers the openings. A hose of liquid-permeable material surrounds the base structure and strip. A plurality of radial openings are provided in the base structure, and the associated depressions and strips are distributed around the circumference of the base structure angularly symmetrically in relation to the central longitudinal axis.

IPC 1-7
E04B 1/68; **E02D 29/16**

IPC 8 full level
E02D 29/16 (2006.01); **E04B 1/68** (2006.01)

CPC (source: EP US)
E04B 1/6816 (2013.01 - EP US)

Cited by
EP0692584A1; DE3929848A1; DE4419376C1; DE4340845A1; DE4340845C2; AT401946B; WO9913174A1; WO9216696A1; EP3392422A1; WO2018192935A1

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

DOCDB simple family (publication)
EP 0199108 A1 19861029; EP 0199108 B1 19890104; AT E39720 T1 19890115; DE 3512470 A1 19861009; DE 3512470 C2 19960104; DE 3661643 D1 19890209; DK 155386 A 19861005; DK 155386 D0 19860404; DK 162454 B 19911028; DK 162454 C 19920323; NO 166810 B 19910527; NO 166810 C 19910904; NO 861284 L 19861006; US 4722479 A 19880202

DOCDB simple family (application)
EP 86103890 A 19860321; AT 86103890 T 19860321; DE 3512470 A 19850404; DE 3661643 T 19860321; DK 155386 A 19860404; NO 861284 A 19860402; US 84401286 A 19860326