

Title (en)

INJECTION HOSE FOR CONCRETE CONSTRUCTION JOINTS

Title (de)

INJEKTIONSSCHLAUCH FÜR ARBEITSFUGEN AN BETONBAUWERKEN

Title (fr)

TUYAU FLEXIBLE D'INJECTION POUR JOINTS DE CONSTRUCTIONS EN BETON

Publication

**EP 0720681 A1 19960710 (DE)**

Application

**EP 94928797 A 19940922**

Priority

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- EP 9403174 W 19940922

Abstract (en)

[origin: US6044869A] PCT No. PCT/EP94/03174 Sec. 371 Date May 16, 1996 Sec. 102(e) Date May 16, 1996 PCT Filed Sep. 22, 1994 PCT Pub. No. WO95/08680 PCT Pub. Date Mar. 30, 1995An injection hose (1) for concrete construction joints has a substantially liquid-tight base body (2) made of a flexible material such as rubber or plastics that encloses a passage (3). The outer surface (4) of the base body (2) is provided with at least one groove-shaped recess (5) that extends over its whole length. Radial outlets (6) for the liquid injected through the passage (3) are distributed over the length of the recess (5). A strip made of a material that may be compressed under the inner pressure of the injection liquid is received in the recess (5) and covers the outlets (6). A liquid-permeable sheath (8) surrounds the base body (2) and the strip, in the manner of a hose. A single recess (5) extends with a predetermined pitch along a spiral path around the outer surface (4) of the base body (2) or extends parallel to the axis of the passage (3) but has an opening angle of more than 90 DEG .

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IPC 8 full level

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