

Title (en)

INJECTION DEVICE FOR INTRODUCING FLUIDS UNDER PRESSURE INTO CRACKED STRUCTURES

Publication

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Application

**EP 89901263 A 19890114**

Priority

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Abstract (en)

[origin: WO8906731A1] An injection device for introducing fluids, in particular cement suspensions, under pressure into a hole drilled in cracked structure, for example of concrete or masonry, comprises an injection packer (22) with a through channel (24) which connects an outer inlet region (26) with an outlet region (28), and a coupling device (20) connected to the injection packer (22) for connecting the inlet region (26) to a conduit containing the pressurized injection fluid. The sliding coupling device (20) has a radial pocket (36) adjacent to an outlet part (58) of an orifice for the passage of fluid. The outer inlet region (26) of the injection packer (22) has a disc (30) which projects radially beyond the adjacent region (72) of the injection packer (22) and whose shape matches that of the pocket (36).

IPC 1-7

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