

Title (en)
INJECTION HOSE AND METHOD OF PRODUCING IT

Title (de)
INJEKTIONSSCHLAUCH UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
FLEXIBLE D'INJECTION ET SON PROCEDE DE PRODUCTION

Publication
EP 0906479 A1 19990407 (DE)

Application
EP 97929249 A 19970621

Priority
• DE 19625209 A 19960625
• EP 9703261 W 19970621

Abstract (en)
[origin: US6268031B1] An injection hose intended for sealing expansion joint in concrete structures. The hose is in the form a continuous hollow extrusion (12), made of elastic, flexible material, with a continuous longitudinal bore (10) and at least one longitudinal groove (16). The groove (16) is connected to the bore (10) by means of apertures (22) in the wall of the extrusion and is fitted with a sealing strip (24), made of compressible, elastic material, which extends over the apertures (22). Production of the hose is made particularly simple and inexpensive by virtue of the fact that the width of the groove openings (26) is less than the diameter of the sealing strip (24) and that the means of holding the sealing strip (24) in place are formed by making undercuts in the side (30) of the groove (16).

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E04B 1/68

IPC 8 full level
E04B 1/682 (2006.01); **E04B 1/68** (2006.01)

CPC (source: EP US)
E04B 1/6816 (2013.01 - EP US); **E04B 2001/6818** (2013.01 - EP US); **Y10S 277/906** (2013.01 - EP US); **Y10T 428/1386** (2015.01 - EP US); **Y10T 428/139** (2015.01 - EP US); **Y10T 428/1393** (2015.01 - EP US)

Citation (search report)
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Cited by
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AT CH DE ES FR GB LI

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US 6268031 B1 20010731; AT E192523 T1 20000515; AU 3342497 A 19980114; AU 712472 B2 19991111; DE 19625209 A1 19980102; DE 59701591 D1 20000608; EP 0906479 A1 19990407; EP 0906479 B1 20000503; ES 2146473 T3 20000801; JP 2000512699 A 20000926; JP 3181061 B2 20010703; WO 9749876 A1 19971231

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