

Title (en)
Safety hose

Title (de)
Sicherheitsschlauch

Title (fr)
Dispositif de sécurité pour tube

Publication
EP 0947698 A3 20000426 (DE)

Application
EP 98123994 A 19981217

Priority
DE 19814728 A 19980402

Abstract (en)
[origin: EP0947698A2] The channel (13) is provided with a detector device, preferably a pressure sensor or conductivity sensor, for conveyed material within it. The hose (1) has at least one coupling and the channel in the area of the coupling extends out of the hose. The hose pump has a housing (2,6,7) with a suction connection. The at least one hose, which is connected both to the pressure and suction connections, locates on the inner wall of the housing. The hose pump has at least one squeeze body (3) which is so moved along the hose that the hose is squeezed together by each squeeze body out of the direction of the suction connection into that of the pressure connection. The hose has an inner core (12), a cover (10) and a reinforcement (11) between them.

IPC 1-7
F04B 43/00

IPC 8 full level
F04B 43/00 (2006.01); **F04B 43/12** (2006.01); **F04C 5/00** (2006.01); **F16L 11/12** (2006.01)

CPC (source: EP KR US)
F04B 43/0072 (2013.01 - EP US); **F04B 43/12** (2013.01 - KR)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 455 (M - 879) 13 October 1989 (1989-10-13)

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EP 0947698 A2 19991006; EP 0947698 A3 20000426; AU 1003099 A 19991125; BR 9903178 A 20010313; DE 19814728 A1 19991007; JP H11315971 A 19991116; KR 20000011171 A 20000225; SG 83113 A1 20010918; US 6093002 A 20000725

DOCDB simple family (application)
EP 98123994 A 19981217; AU 1003099 A 19990106; BR 9903178 A 19990401; DE 19814728 A 19980402; JP 6272999 A 19990310; KR 19990004166 A 19990208; SG 1999000109 A 19990120; US 23452699 A 19990121