

Title (en)

Pump device for construction materials

Title (de)

Anordnung zum Pumpen von Konstruktionsmaterialien

Title (fr)

Dispositif pour le pompage et la projection, l'application, l'enduction ou le jointement de matériaux de construction

Publication

EP 1691078 A1 20060816 (FR)

Application

EP 05301052 A 20051214

Priority

FR 0500737 A 20050125

Abstract (en)

The device has a tank (1) that receives a construction material to be projected under form of a mixture and communicates with a pump (11) which is actuated by a motor (7) through a reducing gear (8). A material routing tube (13) is connected in a pump outlet using the component that permits to couple and decouple the tube. A return tube (12) is connected in the outlet and is mounted in closed circuit on the tank.

IPC 8 full level

F04C 13/00 (2006.01); **F04B 49/00** (2006.01); **F04B 49/24** (2006.01)

CPC (source: EP)

E04F 21/12 (2013.01); **F04B 15/023** (2013.01); **F04B 49/002** (2013.01); **F04B 49/24** (2013.01); **F04D 7/04** (2013.01)

Citation (search report)

- [X] US 5330332 A 19940719 - NESSETH CLIFFORD B [US], et al
- [X] FR 774621 A 19341210
- [A] FR 2448053 A1 19800829 - PARIETTI ARTHUR
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Designated contracting state (EPC)

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EP 1691078 A1 20060816; **EP 1691078 B1 20070912**; AT E373174 T1 20070915; DE 602005002448 D1 20071025; DE 602005002448 T2 20080612; FR 2881187 A1 20060728; FR 2881187 B1 20070302

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