

Title (en)

Concrete pump and method of using same.

Title (de)

Betonpumpe und Verfahren zum Gebrauch derselben.

Title (fr)

Pompe à béton et procédé pour son utilisation.

Publication

**EP 0102423 A1 19840314 (EN)**

Application

**EP 82304581 A 19820831**

Priority

EP 82304581 A 19820831

Abstract (en)

A method of transferring flowable concrete containing aggregate to a desired location at substantially constant rate without sharp variations in pressure and a power driven pump that may be used to carry out the method. The pump requires no valves, is highly abrasive resistant, has a high constant flow rate discharge due to not operating intermittently, and subjects the conduit or hose through which the concrete discharges to a minimum of strain as the concrete flows at a substantially constant rate therethrough with no sharp variations in pressure, and with minimum frictional resistance.

IPC 1-7

**F04D 7/04**; F04D 5/00; F04D 29/22

IPC 8 full level

**F04D 5/00** (2006.01); **F04D 7/04** (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP)

**F04D 5/001** (2013.01); **F04D 7/045** (2013.01); **F04D 29/2288** (2013.01)

Citation (search report)

- [E] US 4347032 A 19820831 - POSSELL CLARENCE R
- [X] EP 0002592 A1 19790627 - POSSELL CLARENCE R
- [X] US 4335994 A 19820622 - GURTH MAX I
- [X] FR 2137151 A1 19721229 - GIRODIN MARIUS

Cited by

CN102995886A; CN107476991A; WO2020041842A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

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