

Title (en)

Pump for transporting fluid material from material containers

Title (de)

Pumpe zum Fördern von fluiden Material aus Materialbehältern

Title (fr)

Pompe destinée à transporter des matériaux liquides à partir de récipients de matériaux

Publication

EP 2525094 B1 20160720 (DE)

Application

EP 12165695 A 20120426

Priority

DE 202011100757 U 20110516

Abstract (en)

[origin: EP2525094A1] The pump (1) has a conveying chamber filled with fluid material (2) in a working stage of the pump and drained in another working stage of the pump. Size of the conveying chamber is changed during the pump operation such that different volumes of the material are conveyed during different operating cycles of a conveying process and/or the conveying chamber has an additional chamber (10) with an additional area (12). Volume of the additional area is changed during the pump operation independent of volume of a pump chamber of the conveying chamber. Independent claims are also included for the following: (1) a system comprising two pumps connected with one another (2) a method for controlling conveying speed of a pump.

IPC 8 full level

F04B 3/00 (2006.01); **F04B 5/00** (2006.01); **F04B 5/02** (2006.01); **F04B 13/00** (2006.01); **F04B 49/16** (2006.01)

CPC (source: EP)

F04B 3/00 (2013.01); **F04B 5/00** (2013.01); **F04B 5/02** (2013.01); **F04B 13/00** (2013.01); **F04B 49/16** (2013.01)

Cited by

US11053930B2; WO2016059551A3

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DOCDB simple family (publication)

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