

Title (en)

Concrete pump with hydraulically relieved slide valve.

Title (de)

Betonpumpe mit hydraulisch entlastetem Schieber.

Title (fr)

Pompe à béton avec un tiroir à soulagement hydraulique.

Publication

**EP 0027654 A1 19810429 (DE)**

Application

**EP 80106348 A 19801018**

Priority

DE 2942560 A 19791020

Abstract (en)

In order to connect the concrete slide valve through with low expenditure of force, the main control slide valve (11) has a central position (43, 44, 45) which is long relative to the travel of its actuating piston and in which the connections (23, 24) of the working cylinders (1) of the concrete delivery pistons are connected to the low pressure or tank connection (10) of the hydraulic circuit. <IMAGE>

Abstract (de)

Um den Betonschieber mit geringem Kraftaufwand durchzuschalten, weist der Hauptsteuerschieber (11) eine, relativ zum Weg seines Steuerkolbens, lange Mittelstellung (43,44,45) auf bei welchem die Anschlüsse (23,24) der Antriebszylinder (1) der Betonförderkolben mit dem Niederdruck bzw. dem Tankanschluß (10) des Hydrauliklaufes in Verbindung stehen.

IPC 1-7

**F04B 7/02**; **F04B 9/10**

IPC 8 full level

**F04B 7/02** (2006.01); **F04B 9/117** (2006.01)

CPC (source: EP)

**F04B 7/0233** (2013.01); **F04B 9/1178** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

**EP 0027654 A1 19810429**; DE 2942560 A1 19810430

DOCDB simple family (application)

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