

Title (en)

Improved concrete pump with means to automatically adjust the working of the S-valve according to the type of concrete

Title (de)

System zur automatischen Einstellung des Betätigungsdrucks eines S-Ventils einer Betonpumpe

Title (fr)

Ajustage automatique de la pression d'actionnement de la soupape en S d'une pompe à béton

Publication

EP 1306550 A1 20030502 (EN)

Application

EP 02102476 A 20021023

Priority

IT MI20012246 A 20011025

Abstract (en)

The invention concerns a concrete pump, of the type comprising a pair of pumping cylinders (3) acting, alternately, to draw the concrete from a hopper (2) and introduce it, by means of an oscillating valve (S-valve 7), into a duct conveying and delivering the material, the movement of said S-valve (7) being controlled by an actuator (8) operated by a control unit. Said pump also comprises a sensor (15) of the working pressure which causes, by means of said control unit, the working of means (16, 9) to adjust the working pressure of said actuator (8) according to the type of concrete being pumped. <IMAGE>

IPC 1-7

F04B 7/00; **F04B 15/02**

IPC 8 full level

F04B 7/00 (2006.01); **F04B 15/02** (2006.01)

CPC (source: EP)

F04B 7/0026 (2013.01); **F04B 15/02** (2013.01)

Citation (search report)

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