

Title (en)

Method to adjust the pulse amplitude and concrete pump.

Title (de)

Verfahren zur Einstellung der Pulsationsamplitude und Betonpumpe.

Title (fr)

Procédé de réglage de l'amplitude de la pulsation et pompe à béton.

Publication

**EP 0669462 A1 19950830 (DE)**

Application

**EP 95101213 A 19950130**

Priority

EP 95101213 A 19950130

Abstract (en)

The setting system is used to obtain the required pulsation amplitude in a concrete feed line (9) supplied via a reciprocating piston pump with a pair of piston/cylinder devices (1A, 1B) operated in counter-phase. The pulsation within a given feed line section (11) is monitored and the movement characteristic of the pistons is altered until the pulsation corresponds to that required. Pref. the pulsation amplitude is detected at a spray jet at the end of the concrete feed line and compared with a reference value for adjusting the velocity characteristic of the pump pistons.

Abstract (de)

Um bei einer Betonkolbenpumpe Druckpulsationen in ein Ausgangsleitungssystem (9) zu verhindern, wird so lange auf die Bewegungscharakteristik (v) der Kolben (1A, 1B) eingegriffen, und zwar in ihrem Vorschubzyklus, bis die Pulsationen in einem Ausgabeleitungssystem (9) verschwinden.  
<IMAGE>

IPC 1-7

**F04B 11/00**; **F04B 15/02**

IPC 8 full level

**F04B 11/00** (2006.01); **F04B 15/02** (2006.01)

CPC (source: EP)

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Citation (search report)

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