

Title (en)
SOFT START VALVE DEVICE

Title (de)
SOFTSTART-VENTILEINRICHTUNG

Title (fr)
ENSEMBLE DE SOUPAPE À OUVERTURE EN FONDU (SOFT START)

Publication
EP 2047108 B1 20100106 (DE)

Application
EP 06829284 A 20061205

Priority
EP 2006011637 W 20061205

Abstract (en)
[origin: WO2008067828A1] A soft start valve device (21) is proposed which has a main valve (24) which controls the fluid connection between a primary channel (1) and a secondary channel (2). In order to switch over the main valve (24) into the open position, an opening force is exerted on the valve. In an operating mode that is controlled by a secondary pressure, said force is derived from the secondary pressure which prevails in the secondary channel (2) and, in a time-controlled operating mode, is derived from a pressure medium which flows through a throttling device (39). A particular advantage results from the fact that the two operating modes are carried out simultaneously in a superimposed manner.

IPC 8 full level
F15B 11/068 (2006.01)

CPC (source: EP)
F15B 11/068 (2013.01); **F15B 21/048** (2013.01); **F15B 2211/30525** (2013.01); **F15B 2211/329** (2013.01); **F15B 2211/355** (2013.01); **F15B 2211/365** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/455** (2013.01); **F15B 2211/6051** (2013.01); **F15B 2211/635** (2013.01)

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WO 2008067828 A1 20080612; DE 502006005894 D1 20100225; EP 2047108 A1 20090415; EP 2047108 B1 20100106; TW 200900613 A 20090101; TW I403656 B 20130801

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