

Title (en)
Valve assembly

Title (de)
Ventilbaugruppe

Title (fr)
Bloc de soupape

Publication
EP 2320094 B1 20170419 (DE)

Application
EP 10188785 A 20101026

Priority
DE 102009052257 A 20091106

Abstract (en)
[origin: EP2320094A2] The valve building group has two load-side connections (A,B), a pumping connection (P) and tank connection (T) with four control edges (C1-C4) hydraulically controlled over a control port. Two pilot valves (Y1,Y2) are provided for controlling the control ports (c1-c4) of each control edge.

IPC 8 full level
F15B 11/00 (2006.01)

CPC (source: EP)
F15B 11/006 (2013.01); **F15B 2211/30575** (2013.01); **F15B 2211/3144** (2013.01); **F15B 2211/329** (2013.01); **F15B 2211/6054** (2013.01)

Cited by
US11313388B1; US11530524B2; WO2016091528A1; US11261582B1; US11143211B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2320094 A2 20110511; EP 2320094 A3 20140806; EP 2320094 B1 20170419; DE 102009052257 A1 20110512;
RU 2010144400 A 20120510; RU 2529543 C2 20140927

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EP 10188785 A 20101026; DE 102009052257 A 20091106; RU 2010144400 A 20101101