

Title (en)
VALVE DEVICE

Title (de)
VENTILEINRICHTUNG

Title (fr)
DISPOSITIF À SOUPAPES

Publication
EP 2384402 B1 20150624 (DE)

Application
EP 10706958 A 20100305

Priority
• EP 2010001371 W 20100305
• DE 102009017880 A 20090417

Abstract (en)
[origin: WO2010118798A1] The invention relates to a valve device for the fluid supply of fluid consumers, comprising several valve modules (2) arranged next to each other in the direction of stacking (3). Said valve modules (2) respectively comprise a plate-shaped channel body (11) provided with a feed channel recess (35) and/or a venting channel recess (36) and four 2/2 distributing valves (41, 42, 45, 46) respectively having a first and a second fluidic connection (47, 48, 49, 50, 51, 52, 55, 56). The four 2/2 distributing valves (41, 42, 45, 46) of the valve module (2) are interconnected in a full bridge arrangement. According to the invention, the 2/2 distributing valves are arranged next to each other and are connected so that they communicate with the feed channel recess and form a feed valve arrangement and the 2/2 distributing valves are arranged next to each other and are connected so that they communicate with the venting channel recess and form a venting valve arrangement. Said feed valve arrangement is arranged adjacent to the venting valve arrangement.

IPC 8 full level
F15B 13/08 (2006.01)

CPC (source: EP)
F15B 13/0817 (2013.01); **F15B 13/0835** (2013.01); **F15B 13/0871** (2013.01); **F15B 11/006** (2013.01)

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010118798 A1 20101021; DE 102009017880 A1 20101028; EP 2384402 A1 20111109; EP 2384402 B1 20150624

DOCDB simple family (application)
EP 2010001371 W 20100305; DE 102009017880 A 20090417; EP 10706958 A 20100305