

Title (en)  
Valve assembly

Title (de)  
Ventilanordnung

Title (fr)  
Système de vannes

Publication  
**EP 2871370 B1 20190227 (DE)**

Application  
**EP 14185252 A 20140918**

Priority  
DE 102013220748 A 20131015

Abstract (en)  
[origin: CN104564875A] The invention discloses a valve assembly with a main valve and an individual pressure compensator serving together for supplying a consumer, where several such valve assemblies for supplying several consumers by means of load-pressure independent flow distribution. The individual pressure compensator is arranged downstream of the main valve and is acted upon by a control pressure of a superior load-sensing channel in the closing direction while being acted upon by the supply pressure measured behind the main valve in the opening direction accordingly. It is in pressure balance valve core for removing leakage of the main valve, especially when this is executed as a slide valve, a check valve is provided whose opening direction is directed from the output of the pressure compensator for load-sensing channel, and that is always connected, regardless of the position of the pressure compensator valve body.

IPC 8 full level  
**F15B 13/04** (2006.01)

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**F15B 13/0417** (2013.01 - CN EP); **F15B 2211/30555** (2013.01 - EP); **F15B 2211/6051** (2013.01 - EP); **F15B 2211/6052** (2013.01 - EP)

Citation (examination)  
US 5161373 A 19921110 - MORIKAWA RINDO [JP], et al

Cited by  
FR3057309A1; EP3771322A1

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

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