

Title (en)
VALVE COMPONENTS

Title (de)
VENTILBAUKOMPONENTEN

Title (fr)
COMPOSANTS DE SOUPAPE

Publication
EP 3042087 A2 20160713 (DE)

Application
EP 14765869 A 20140902

Priority
• DE 102013014671 A 20130903
• EP 2014002382 W 20140902

Abstract (en)
[origin: WO2015032492A2] The invention relates to a first valve component (10), in particular a pressure compensator-type component, comprising a valve slide (16) that can be guided in a valve housing (12) in a longitudinal direction, said valve slide having a control part (34) for controlling a fluid-conducting connection (28) between at least two fluid connection points (30, 32) accommodated in the valve housing (12). Said control part has at least one pocket-like recess (38), at least part of which is bordered by a fluid-guiding surface (40) running at least between two vertices of the recess and running with increasing inclination from one vertex to another vertex. The first valve component is characterised in that, starting from a predeterminable distance before the other vertex, the fluid-guiding surface (40) runs from its point of greatest inclination with decreasing inclination in the direction of said other vertex. The invention also relates to two further valve components.

IPC 8 full level
F15B 13/02 (2006.01)

CPC (source: EP US)
F15B 13/026 (2013.01 - EP US); **F15B 13/0417** (2013.01 - EP US); **F15B 13/0402** (2013.01 - EP US); **F15B 2013/008** (2013.01 - EP US)

Citation (search report)
See references of WO 2015032492A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102013014671 A1 20150305; CN 205956083 U 20170215; EP 3042087 A2 20160713; EP 3042087 B1 20201125;
US 10167881 B2 20190101; US 2016201695 A1 20160714; WO 2015032492 A2 20150312; WO 2015032492 A3 20150730

DOCDB simple family (application)
DE 102013014671 A 20130903; CN 201490000970 U 20140902; EP 14765869 A 20140902; EP 2014002382 W 20140902;
US 201414912419 A 20140902