

Title (en)

VALVE AND METHOD FOR CONTROLLING A FLOW MEDIUM USING THE VALVE

Title (de)

VENTIL UND VERFAHREN ZUR STEUERUNG EINES STRÖMUNGSMITTELS MIT DEM VENTIL

Title (fr)

SOUPAPE ET PROCÉDÉ DE RÉGULATION D'UN MILIEU D'ÉCOULEMENT À L'AIDE DE LA SOUPAPE

Publication

EP 4172520 A1 20230503 (DE)

Application

EP 21739551 A 20210622

Priority

- DE 102020116993 A 20200629
- DE 2021100529 W 20210622

Abstract (en)

[origin: WO2022002305A1] The invention relates to a valve (1), at least comprising a valve housing (2) and a piston (3), wherein the piston (3) is seated in the valve housing (2) and can be displaced from a first switching mode of the valve (1) into a second switching mode of the valve (1) and from a second switching mode into a third switching mode of the valve (1). The invention also relates to a method for controlling a flow medium using the valve (1).

IPC 8 full level

F16K 15/02 (2006.01); **F16K 27/02** (2006.01)

CPC (source: EP US)

F16K 15/025 (2013.01 - EP US); **F16K 27/0209** (2013.01 - EP US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102020116993 A1 20211230; CN 115803549 A 20230314; EP 4172520 A1 20230503; US 11982365 B2 20240514;
US 2023313894 A1 20231005; WO 2022002305 A1 20220106

DOCDB simple family (application)

DE 102020116993 A 20200629; CN 202180043037 A 20210622; DE 2021100529 W 20210622; EP 21739551 A 20210622;
US 202118010447 A 20210622