

Title (en)
VALVE GATE FOR A SLIDE VALVE

Title (de)
VENTILVERSCHLUSS FÜR EIN SCHIEBERVENTIL

Title (fr)
OBTURATEUR POUR UN DISTRIBUTEUR À TIROIR

Publication
EP 4396478 A1 20240710 (EN)

Application
EP 22785786 A 20220831

Priority
• PT 11743221 A 20210831
• IB 2022058154 W 20220831

Abstract (en)
[origin: WO2023031812A1] The present disclosure relates to slide valves, in particular to a valve gate. The present disclosure relates to a valve gate for a slide valve comprising a ductile cast iron core (4) having two lateral protrusions (4A), said core being coated with a first polymer material (3) and two guides (1) made of a second polymer material, each fitted over a respective coated lateral protrusion, for sliding in grooves of the valve as the gate slides between an open position and a closed position of the valve; wherein the second polymer material is harder than the first polymer material.

IPC 8 full level
F16K 3/02 (2006.01); **F16K 3/28** (2006.01); **F16K 3/316** (2006.01)

CPC (source: EP)
F16K 3/28 (2013.01); **F16K 3/316** (2013.01)

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)
WO 2023031812 A1 20230309; EP 4396478 A1 20240710

DOCDB simple family (application)
IB 2022058154 W 20220831; EP 22785786 A 20220831