

Title (en)
POPPET VALVE HAVING IMPROVED SLIDING SURFACE

Title (de)
TELLERVENTIL MIT VERBESSERTER GLEITFLÄCHE

Title (fr)
SOUPAPE CHAMPIGNON AYANT UNE SURFACE DE COULISSEMENT AMÉLIORÉE

Publication
EP 3953571 A1 20220216 (EN)

Application
EP 19718628 A 20190411

Priority
EP 2019059211 W 20190411

Abstract (en)
[origin: WO2020207586A1] The invention relates to a poppet valve (2) which has improved sliding characteristics, comprising a valve head (4), a valve shaft 6, and a valve shaft end. A sliding surface SL is extending along said valve shaft 6 between said valve head (4) and said valve shaft end (8). Said sliding surface SL is provided with at least one recess (10, 12, 14, 16, 18).

IPC 8 full level
F01L 3/24 (2006.01); **F01L 3/20** (2006.01)

CPC (source: EP)
F01L 3/20 (2013.01); **F01L 3/24** (2013.01); **F01L 2810/02** (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

DOCDB simple family (publication)
WO 2020207586 A1 20201015; EP 3953571 A1 20220216

DOCDB simple family (application)
EP 2019059211 W 20190411; EP 19718628 A 20190411