

Title (en)
SLIDING VALVE

Title (de)
SCHIEBERVENTIL

Title (fr)
SOUPAPE A COULISSE

Publication
EP 1576281 B1 20060607 (DE)

Application
EP 03776910 A 20031119

Priority
• DE 10261175 A 20021220
• EP 0312936 W 20031119

Abstract (en)
[origin: WO2004059161A1] The invention relates to a sliding valve (10) comprising a sliding sleeve (12) that can be axially slid in a control cylinder (13). With at least one control surface (23) on its outer circumference, the sliding sleeve controls at least one control opening (17, 18) in the control cylinder (13). The inventive sliding valve is characterized in that the control surface (23) is radially elastic towards the control cylinder (13).

IPC 8 full level
F02M 61/04 (2006.01); **F02M 51/06** (2006.01); **F02M 61/18** (2006.01); **F15B 13/04** (2006.01); **F16K 11/07** (2006.01); **F02M 61/10** (2006.01)

CPC (source: EP US)
F02M 61/042 (2013.01 - EP US); **F02M 61/18** (2013.01 - EP US); **F02M 63/008** (2013.01 - EP US); **F02M 51/061** (2013.01 - EP US); **F02M 51/066** (2013.01 - EP US); **F02M 51/0685** (2013.01 - EP US); **F02M 61/10** (2013.01 - EP US); **F02M 61/1806** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2004059161 A1 20040715; DE 10261175 A1 20040708; DE 50303752 D1 20060720; EP 1576281 A1 20050921; EP 1576281 B1 20060607; JP 2006510846 A 20060330; JP 4232041 B2 20090304; US 2006124763 A1 20060615

DOCDB simple family (application)
EP 0312936 W 20031119; DE 10261175 A 20021220; DE 50303752 T 20031119; EP 03776910 A 20031119; JP 2004562553 A 20031119; US 54029005 A 20051220