

Title (en)  
MAGNETIC VALVE

Title (de)  
MAGNETVENTIL

Title (fr)  
ÉLECTROVANNE

Publication  
**EP 2726349 A1 20140507 (DE)**

Application  
**EP 12722696 A 20120508**

Priority  
• DE 102011078314 A 20110629  
• EP 2012058447 W 20120508

Abstract (en)  
[origin: WO2013000612A1] The invention relates to a magnetic valve (1) comprising a valve component (26) and a valve body (10) that engages around a region of the valve component (26) in a hood-like manner and in a sealing manner in at least one sealing region (31). A flow chamber (27) is formed between the valve body (10) and an end face (28) of the valve component (26). In order to form an axial duct (15) for a fluid, the valve component (26) has an axially running through-channel (29) which passes through the end face (28) and which opens into the flow chamber (27), and the valve body (10) has a through-opening (11) that is fluidically connected to the flow chamber (27). The through-opening (11) can be closed by a closing element (6) that is movably arranged on a valve body (10) face that faces away from the flow chamber (27). The through-channel (29) has a constant cross-section. According to an advantageous development of the invention, the end face (28) is designed as a type of lip seal ring (30).

IPC 8 full level  
**B60T 8/36** (2006.01); **F16K 31/06** (2006.01)

CPC (source: EP KR US)  
**B60T 8/36** (2013.01 - KR); **B60T 8/363** (2013.01 - EP US); **F16K 31/06** (2013.01 - KR); **F16K 31/0658** (2013.01 - EP US); **F16K 31/0665** (2013.01 - EP US); **F16K 31/0644** (2013.01 - US)

Citation (search report)  
See references of WO 2013000612A1

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

DOCDB simple family (publication)  
**DE 102011078314 A1 20130103**; CN 103648866 A 20140319; CN 103648866 B 20160629; EP 2726349 A1 20140507; JP 2014523506 A 20140911; JP 5982476 B2 20160831; KR 20140035452 A 20140321; US 10047874 B2 20180814; US 2014110614 A1 20140424; WO 2013000612 A1 20130103

DOCDB simple family (application)  
**DE 102011078314 A 20110629**; CN 201280032384 A 20120508; EP 12722696 A 20120508; EP 2012058447 W 20120508; JP 2014516240 A 20120508; KR 20137034673 A 20120508; US 201214129341 A 20120508