

Title (en)  
VARIATIONS IN VALVE CLOSING SPEED OBTAINED BY THE USE OF DIFFERENT ORIFICES

Title (de)  
VARIATIONEN DER VENTILSCHLIESSGESCHWINDIGKEIT DURCH VERWENDUNG VON UNTERSCHIEDLICHEN BLENDEN

Title (fr)  
VARIATIONS DE LA VITESSE DE FERMETURE D'UNE SOUPAPE AU MOYEN DE DIFFÉRENTS ORIFICES

Publication  
**EP 2140146 A1 20100106 (DE)**

Application  
**EP 08735786 A 20080403**

Priority  

- EP 2008054044 W 20080403
- EP 07008908 A 20070502
- EP 08735786 A 20080403

Abstract (en)  
[origin: EP1988296A1] The valve (21) has a valve gear (23) arranged in a housing upper part (22). An opening and/or face plate (24) for a control medium is brought into the housing upper part. The valve gear has a locking element (26). Faceplates (28, 32) are arranged at a distance in a vertical direction to the opening and/or faceplate. The upper part has a guide surface in its interior side of the part. The guide surface runs straightly at a region of the faceplates (28, 32) parallel to a center axis (X) of the surface, and is provided for the element with a corresponding straight running closed surface (46).

IPC 8 full level  
**F15B 15/22** (2006.01); **F16K 31/00** (2006.01)

CPC (source: EP)  
**F15B 15/224** (2013.01); **F16K 31/56** (2013.01); **F16K 47/023** (2013.01)

Citation (search report)  
See references of WO 2008135328A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1988296 A1 20081105**; EP 2140146 A1 20100106; WO 2008135328 A1 20081113

DOCDB simple family (application)  
**EP 07008908 A 20070502**; EP 08735786 A 20080403; EP 2008054044 W 20080403