

Title (en)  
DUCT HAVING A FLOW-GUIDING SURFACE

Title (de)  
KANAL MIT STRÖMUNGSLEITFLÄCHE

Title (fr)  
CANAL À SURFACE DE GUIDAGE D'ÉCOULEMENT

Publication  
**EP 2577071 B1 20171220 (DE)**

Application  
**EP 11722448 A 20110531**

Priority  

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- DE 102010022418 A 20100601
- EP 2011058944 W 20110531

Abstract (en)  
[origin: WO2011151323A2] A duct in which a fluid can be guided is bounded by duct walls, wherein the duct walls have an inlet opening and an outlet opening through which the fluid can enter the duct and can leave the duct. The fluid has a flow rate which is smaller along the duct walls than in the centre of the duct, with the result that a zone of higher flow rate and a zone of lower flow rate can be formed in the duct. In the duct there is arranged a flow-guiding surface by means of which a portion of the fluid can be tapped from the zone of higher flow rate and mixed into the zone of lower flow rate.

IPC 8 full level  
**F15D 1/00** (2006.01)

CPC (source: EP US)  
**B01F 35/531** (2022.01 - EP US); **F04D 29/541** (2013.01 - EP US); **F04D 29/545** (2013.01 - EP US); **F04D 29/681** (2013.01 - EP US); **F04D 29/684** (2013.01 - EP US); **F15D 1/001** (2013.01 - EP US); **F15D 1/025** (2013.01 - US); **F05D 2250/52** (2013.01 - EP)

Citation (examination)  

- EP 0414021 A2 19910227 - KRANTZ H GMBH & CO [DE]
- FR 2165330 A5 19730803 - GENNEVOIS JOSEPH

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DOCDB simple family (publication)  
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