

Title (en)  
VALVE WITH OFFSET BORE

Title (de)  
VENTIL MIT VERSETZTEN BOHRUNGEN

Title (fr)  
ROBINET À PASSAGE DÉCALÉ

Publication  
**EP 2422117 A4 20130710 (EN)**

Application  
**EP 10767645 A 20100420**

Priority  

- US 2010031763 W 20100420
- US 31734410 P 20100325
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Abstract (en)  
[origin: WO2010123910A1] A valve has a valve body having an inlet bore, an outlet bore in fluid communication with the inlet bore, and an offset formed between the inlet bore and the outlet bore. A valve plate is rotatably coupled with the valve body at a juncture of the inlet bore and the outlet bore. At least a portion of the valve plate forms a seal with the offset. A method of making a valve includes providing a valve body; providing a first bore in a first side of the valve body; and providing a second bore in a second side of the valve body that is in fluid communication with the first bore. The method further includes providing an offset between the first bore and the second bore and providing a valve plate at the juncture of the first bore and the second bore to selectively control fluid flow therebetween.

IPC 8 full level  
**F16K 1/22** (2006.01); **F16K 27/02** (2006.01)

CPC (source: EP)  
**F16K 1/22** (2013.01); **F16K 27/0218** (2013.01)

Citation (search report)  

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Designated contracting state (EPC)  
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