

Title (en)
FLOW RESTRICTOR

Title (de)
DROSSELKÖRPER

Title (fr)
LIMITEUR DE DEBIT

Publication
EP 1721227 A4 20100203 (EN)

Application
EP 05723513 A 20050224

Priority
• US 2005005653 W 20050224
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Abstract (en)
[origin: WO2005086643A2] A flow restrictor with a first disk having at least one inlet and at least one outlet and a flow path and a second disk having no flow path. The first disk and the second disk being stacked together. A mass flow controller comprising with an input, an output, a flow path, a pressure transducer and the above flow restrictor.

IPC 8 full level
G05D 7/06 (2006.01); **F16K 47/08** (2006.01)

CPC (source: EP KR)
F16K 47/08 (2013.01 - EP); **G05D 7/06** (2013.01 - KR)

Citation (search report)
• [Y] US 6039076 A 20000321 - HEMME KENT R [US], et al
• [Y] US 2003034074 A1 20030220 - MCCARTY MICHAEL WILDIE [US], et al
• See references of WO 2005086643A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2005086643 A2 20050922; WO 2005086643 A3 20060427; CN 102354228 A 20120215; CN 102354228 B 20140730;
CN 1922561 A 20070228; EP 1721227 A2 20061115; EP 1721227 A4 20100203; EP 2365412 A1 20110914; EP 2365412 B1 20121003;
JP 2007531931 A 20071108; JP 2011257004 A 20111222; JP 5295318 B2 20130918; KR 20060134085 A 20061227

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US 2005005653 W 20050224; CN 200580006003 A 20050224; CN 201110170487 A 20050224; EP 05723513 A 20050224;
EP 11164165 A 20050224; JP 2007500931 A 20050224; JP 2011139507 A 20110623; KR 20067017283 A 20060825