

Title (en)
Expansion valve

Title (de)
Expansionsventil

Title (fr)
Vanne d'expansion

Publication
EP 1865275 A2 20071212 (EN)

Application
EP 07009857 A 20070516

Priority
JP 2006157946 A 20060607

Abstract (en)
A body 4 of an expansion valve accommodating a valve section 2 is formed, using forming dies, such as die-casting dies, integrally with an inlet port 5, an outlet port 6, and an external thread 16, to connect a power element 3. The forming process forms the external thread 16, the inlet port 5, the outlet port 6, a valve hole 7, a hole 8 for receiving a valve element 9 and set value-adjusting members (10, 11), and a hole 12 for receiving a shaft 13 extending between the power element 3 and the valve element.

IPC 8 full level
F25B 41/06 (2006.01)

CPC (source: EP KR US)
F25B 41/335 (2021.01 - EP KR US); **F25B 2341/0683** (2013.01 - EP KR US); **F25B 2500/01** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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