

Title (en)
THROTTLE VALVE FOR AIR CONDITIONING SYSTEMS

Publication
EP 0180914 B1 19890531 (DE)

Application
EP 85113816 A 19851030

Priority
DE 8432305 U 19841105

Abstract (en)
[origin: EP0180914A2] 1. Throttle valve for air-conditioning systems, having a housing (1) which includes an air inlet connection (2) and an air outlet connection (5) as well as a central pivot (6) for a valve flap (7) which is pivotable between an open position and a closed position, a plurality of turbulence grids (18, 19, 20) being disposed, when viewed in the direction of flow, behind the valve flap (7) and outside of the pivotal range of the valve flap (7) to avoid large eddies, at least one of said grids extending in the direction of flow (9) in the region of the central plane (10) of the housing (1) and being disposed so as to be secured to the housing, characterised in that the other turbulence grids (19, 20) are disposed on either side of the central plane (10) of the housing (1) so as to be parallel thereto and are secured to the housing.

IPC 1-7
F24F 13/00; **F24F 13/14**

IPC 8 full level
F24F 13/00 (2006.01); **F24F 13/14** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)
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Cited by
US5970963A; EP0863303A3

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