

Title (en)  
THROTTLE VALVE FOR AIR CONDITIONING SYSTEMS

Publication  
**EP 0180914 A3 19870114 (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 13/14**; **F24F 13/00**

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

CPC (source: EP)  
**F24F 13/1426** (2013.01); **F24F 13/1486** (2013.01); **F24F 13/24** (2013.01); **F24F 2013/1473** (2013.01)

Citation (search report)  
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• [A] FR 1571774 A 19690620  
• [A] DE 2653161 A1 19780524 - SCHAKO METALLWARENFABRIK  
• [A] US 3147768 A 19640908 - KENNEDY WALTER W

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Designated contracting state (EPC)  
DE FR GB NL SE

DOCDB simple family (publication)  
**EP 0180914 A2 19860514**; **EP 0180914 A3 19870114**; **EP 0180914 B1 19890531**; DE 3570741 D1 19890706; DE 8432305 U1 19850207; NO 160470 B 19890109; NO 160470 C 19890419; NO 854324 L 19860506

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