Title (en)

FLOW RESTRICTOR AND USE OF A FLOW RESTRICTOR IN AN AIR-DISTRIBUTING SYSTEM OF AN AIR CONDITIONING SYSTEM OF AN AIRCRAFT

Title (de)

STRÖMUNGSBEGRENZER UND VERWENDUNG EINES STRÖMUNGSBEGRENZERS IN EINEM LUFTVERTEILUNGSSYSTEM EINES KLIMATISIERUNGSSYSTEMS EINES FLUGZEUGS

Title (fr)

LIMITEUR D'ÉCOULEMENT ET UTILISATION D'UN LIMITEUR D'ÉCOULEMENT DANS UN SYSTÈME DE RÉPARTITION D'AIR D'UN SYSTÈME DE CLIMATISATION D'UN AVION

Publication

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Application

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Abstract (en)

[origin: WO2010149494A1] A flow restrictor (2) has a line piece (4) with an air inlet (6) and with an air outlet (8), and has at least one resistance element (10, 32, 36). The resistance element (10, 32, 36) is positioned within the line piece (4) and imparts a predetermined flow resistance to an air flow passing from the air inlet (6) to the air outlet (8). The resistance element (10, 32, 36) preferably extends at least partially in an axial direction of the line piece (4). Such a flow restrictor (2) serves to adjust an air volume flow and exhibits a particularly low level of inherent noise generation.

IPC 8 full level

F16L 55/027 (2006.01); B64D 13/00 (2006.01); F16L 55/033 (2006.01); F24F 13/24 (2006.01)

CPC (source: EP US)

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Citation (search report)

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