

Title (en)
VANE DESIGNED TO BE ORIENTED IN THE AMBIENT AIR FLOW AXIS

Title (de)
WINDRICHTUNGSANZEIGER MIT VORGESEHENER EINSTELLUNG IN DIE ACHSRICHTUNG DES UMGEBENDEN LUFTSTROMS

Title (fr)
GIROUETTE DESTINEE A S'ORIENTER DANS L'AXE D'UN ECOULEMENT D'AIR AMBIANT

Publication
EP 1166127 A1 20020102 (FR)

Application
EP 00915273 A 20000331

Priority
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Abstract (en)
[origin: FR2791773A1] A vane (1) has a plate (15) of aerofoil section and a leading edge (16). Orifices (11,12) on either side of the plate lead to separate air chambers whose pressures are delivered to a processor (9) by a pneumatic joint (8) mounted on the vane axis and shaft (2,3). The processor compares the pressures and sends a signal (C) to a motor (6) on the same shaft such that it rotates the vane until the two chamber pressures are the same.

IPC 1-7
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IPC 8 full level
G01P 5/165 (2006.01); **G01P 13/02** (2006.01); **G01P 21/02** (2006.01)

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See references of WO 0060363A1

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