

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

- FR 0000825 W 20000331
- FR 9904183 A 19990402

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

**G01P 13/02**; **G01P 21/02**; **G01P 5/165**

IPC 8 full level

**G01P 5/165** (2006.01); **G01P 13/02** (2006.01); **G01P 21/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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