

Title (en)  
SEALING DEVICE

Title (de)  
DICHTUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ETANCHEITE

Publication  
**EP 1425524 A1 20040609 (FR)**

Application  
**EP 02790495 A 20020913**

Priority  
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Abstract (en)  
[origin: FR2829824A1] Device comprises a cavity (8), formed between a mobile part (2, 4) and a fixed part (6). A seal assembly (11) is used to ensure that the cavity (8) is leak-proof. The seal assembly (11) is produced using a fluid which is located between fixed and mobile parts. Means are also provided for establishing air pressure equilibrium between the inside of the cavity and the exterior. The invention relates particularly to an incidence sensor for use with an aircraft. The fixed part is fixed to the skin of the aircraft, while the mobile part comprises a palette for measurement of the incidence angle of an air flux relative to the aircraft. The fluid seal is connection to a reservoir of sealing fluid.

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**F16J 15/40**; **G01P 13/02**

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**F16J 15/40** (2006.01); **G01P 13/02** (2006.01)

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