

Title (en)

Device for protecting a smoke exhaust conduit against wind and/or rain, and corresponding cover

Title (de)

Vorrichtung zum Schutz eines Abgaskanals gegen Wind und/oder Regen, und Abdeckung dafür

Title (fr)

Dispositif de protection d'un conduit d'évacuation de fumées contre les effets du vent et/ou de la pluie, et chapeau correspondant

Publication

EP 2369232 A1 20110928 (FR)

Application

EP 11158719 A 20110317

Priority

FR 1001160 A 20100323

Abstract (en)

The device (20) has a driving unit constituted of a wind vane body (26) and a sealed ball bearing (25) for driving a vertical wind-barrier shield (27) in rotation around an outlet section (221) of a smoke evacuation pipe (22) so as to orient the wind-barrier shield against the wind. The wind-barrier shield is mounted in rotation around an axle (24) integrated with an upper face (211) turned towards an exterior of a circular bonnet (21) fixed on the evacuation pipe. The wind-barrier shield and/or the body are made of stainless steel, thermosetting resin, composite material and/or carbon fibers.

Abstract (fr)

L'invention concerne un dispositif de protection (20) de la sortie d'un conduit l'évacuation de fumées (22) comprenant au moins un écran pare-vent (27) sensiblement vertical. Selon l'invention, un tel dispositif de protection (20) comprend des moyens d'entraînement dudit écran (27) en rotation autour de la section de sortie (221) dudit conduit (22), de façon à orienter ledit écran (27) face au vent.

IPC 8 full level

F23J 13/08 (2006.01); **F23L 17/10** (2006.01)

CPC (source: EP)

F23J 13/08 (2013.01); **F23L 17/10** (2013.01); **F23J 2213/302** (2013.01); **F23J 2213/303** (2013.01); **F23J 2213/50** (2013.01); **F23J 2900/13005** (2013.01)

Citation (search report)

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- [X] FR 1169667 A 19590105
- [X] US 4649808 A 19870317 - WARD ROBERT [US], et al
- [Y] US 5609522 A 19970311 - SZWARTZ HENRY S [US]
- [Y] EP 1398567 A2 20040317 - SOGO SARL [FR]

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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