

Title (en)

Device for retaining rising hot air which can be vertically fitted to pipes, tubes or channels

Title (de)

Auf Rohre, Schläuche oder Kanäle vertikal montierbare Vorrichtung zum Zurückhalten aufsteigender Warmluft

Title (fr)

Dispositif pouvant être monté verticalement sur des tuyaux, des tuyaux flexibles ou des canaux destiné à retenir l'air chaud montant

Publication

EP 2175207 B1 20150304 (DE)

Application

EP 09405170 A 20091001

Priority

CH 16132008 A 20081010

Abstract (en)

[origin: EP2175207A1] The structure to prevent the escape of warm air and gas from vertical pipes, hoses or channels through building walls and prevent the entry of particles, has an elastic surface material (11) with a number of flaps (19) operated by a drop in pressure between the outer and inner surfaces. At least one flap has a self-return characteristic through a slit (17) at one end and a bending hinge line at the other end. The elastic material is of rubber or plastics with reinforcement.

IPC 8 full level

F24F 7/02 (2006.01); **E04D 13/17** (2006.01); **F24F 11/04** (2006.01); **F24F 13/10** (2006.01)

CPC (source: EP)

F24F 7/02 (2013.01); **F24F 11/745** (2017.12); **F24F 13/105** (2013.01)

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EP2423407A1; US9157652B2

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DOCDB simple family (publication)

EP 2175207 A1 20100414; **EP 2175207 B1 20150304**; CH 699655 A1 20100415; DK 2175207 T3 20150615; PL 2175207 T3 20150831

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