

Title (en)

Safety device preventing the return of combustion gases in bath heaters or gas-fired boilers

Title (de)

Sicherheitsgerät bei Rückstrom der Abgase von Gasheizern und -Kesseln

Title (fr)

Dispositif de sécurité contre le refoulement des produits de combustion dans les chauffe-bains et chaudières à gaz

Publication

**EP 0744582 B1 20000223 (FR)**

Application

**EP 96401115 A 19960523**

Priority

FR 9506243 A 19950526

Abstract (en)

[origin: EP0744582A1] The device comprises a heat sensitive element (10). This sensor detects the flow back of combustion products from the outlet flow in the apparatus draw chimney (3). The heat sensor is positioned outside the chimney behind the apparatus at the level of an opening (8) in the rear face (9). Fresh air normally is induced in this region. The opening is in the extension of a central diverter (7) located inside the chimney casing directly below the exhaust gas duct (4). The central diverter has the shape of a longitudinal small dish whose concavity is upwards.

IPC 1-7

**F24H 9/20**

IPC 8 full level

**F24H 9/20** (2006.01)

CPC (source: EP US)

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**EP 0744582 A1 19961127; EP 0744582 B1 20000223**; AT E189922 T1 20000315; DE 69606735 D1 20000330; DE 69606735 T2 20000928; ES 2145397 T3 20000701; FR 2734626 A1 19961129; FR 2734626 B1 19970801

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