

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 Wasser- oder Badgasheizern

Title (fr)

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

Publication

EP 0744582 A1 19961127 (FR)

Application

EP 96401115 A 19960523

Priority

FR 9506243 A 19950526

Abstract (en)

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.

Abstract (fr)

L'élément thermosensible (10) réagissant au refoulement des produits de combustion au coupe-tirage de l'appareil, lors d'un tirage insuffisant ou d'un bouchage du conduit (4) d'évacuation des fumées, est positionné en dehors du boîtier coupe-tirage (3), derrière l'appareil, et au niveau d'un orifice (8) prévu sur la face arrière. Application aux chauffe-bains et chaudières à gaz. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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- [A] GB 2143943 A 19850220 - TI DOMESTIC APPLIANCES LTD
- [A] EP 0354406 A2 19900214 - FAIS SPA [IT]

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