

Title (en)
Solid fuel fireplace insert appliance

Title (de)
Kamineinsatzvorrichtung für Kamine mit festen Brennstoffen

Title (fr)
Appareil d'insert de cheminée à combustible solide

Publication
EP 2762785 A1 20140806 (EN)

Application
EP 14153040 A 20140129

Priority
IE S20130029 A 20130201

Abstract (en)
The present invention relates to a front panel (3) for a fireplace insert appliance (1) comprising an inner panel (4) and an outer panel (5), whereby inlet means (9) for channelling ambient air (A) into the appliance (1) is provided between the inner panel (4) and the outer panel (5). The inlet means (9) is provided as a gap or spacing between the inner panel (4) and the outer panel (5). The provision of a inlet means (9) provides a thermal break which reduces the conduction of heat from the inner panel (4) to the outer panel (5) which could potentially radiate onto drapes, furniture and other combustibles in proximity to the appliance, thereby reducing the chance of such combustibles being heated to flashpoint and causing a fire. The ambient air `A' flowing through the inlet means (9) is pre-heated as it flows through the cavities of the appliance (1), thereby lowering the temperature of the front panel (3) which reduces clearances to combustibles.

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Citation (search report)
• [XAI] GB 2258914 A 19930224 - THURLOW ALAN [GB]
• [X] US 2006185664 A1 20060824 - BUTLER GARY L [US], et al
• [X] US 5647342 A 19970715 - JAMIESON DONALD R [CA], et al

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