Title (en)

Combination heat transfer panel and wall shield for use with stoves and other radiant heaters.

Title (de)

Kombinierte Wärmeleit- und Wandschutzplatte zur Verwendung bei Öfen und anderen Strahlungserhitzern.

Title (fr)

Combinaison de la plaque conductrice de la chaleur et du dispositif de protection du mur appliquée à des poêles et autres moyens de chauffage à rayonnement.

Publication

EP 0038390 A1 19811028 (EN)

Application

EP 80301266 A 19800418

Priority

- EP 80301266 A 19800418
- AU 5713780 A 19800408
- CA 347805 A 19800317
- DK 184080 A 19800429
- NO 801141 A 19800421

Abstract (en)

The device comprises a case housing two parallel, spaced curtains (34, 36) defining first and second convection chambers (38, 40). The case is adapted for location either against, or in spaced relation to a structural wall behind a radiant heater. It is formed with a large central opening (20) permitting entrance of radiant energy from the stove, a cold air inlet (64) communicating with the convection chambers either at the lower end of the case or at the sides, and a hot air exhaust (32) communicating with the upper end of the convection chambers. The outermost curtain (34) may be constructed for adjustment between positions in which it absorbs or reflects radiant energy as desired.

IPC 1-7

F24B 3/00; F24C 9/00; F24H 3/00

IPC 8 full level

F24C 1/14 (2006.01); **F24C 15/36** (2006.01); **F24D 19/06** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)

F24C 1/14 (2013.01); **F24C 15/36** (2013.01); **F24D 19/062** (2013.01); **F24H 9/0052** (2013.01)

Citation (search report)

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CN108623136A

Designated contracting state (EPC)

AT BE DE FR GB SE

DOCDB simple family (publication)

EP 0038390 A1 19811028; **EP 0038390 B1 19840725**; AT E8702 T1 19840815; AU 5713780 A 19811015; CA 1132134 A 19820921; DE 3068658 D1 19840830; DK 184080 A 19811030; NO 801141 L 19811022

DOCDB simple family (application)

EP 80301266 A 19800418; AT 80301266 T 19800418; AU 5713780 A 19800408; CA 347805 A 19800317; DE 3068658 T 19800418; DK 184080 A 19800429; NO 801141 A 19800421