

Title (en)

BLOCK FOR FIRE AND SMOKE ALONG A BARRIER PENETRATING MEMBER

Title (de)

SPERRE FÜR FEUER UND RAUCH ENTLANG EINEM DURCHDRINGUNGSBAUTEIL

Title (fr)

DISPOSITIF ARRETANT LE FEU ET LA FUMEE DESTINE A ETRE UTILISE AVEC UN ELEMENT TRAVERSANT UNE PAROI

Publication

EP 1319146 A2 20030618 (EN)

Application

EP 01973885 A 20010919

Priority

- CA 0101318 W 20010919
- CA 2319876 A 20000919

Abstract (en)

[origin: US2004168398A1] A fire and smoke block for use with a barrier penetrating member is formed by a rigid collar which is fittable over a lockable on the penetrating member and a collar lining which is made from intumescent material which rapidly expands when subjected to fire heat.

IPC 1-7

F16L 5/04

IPC 8 full level

F16L 5/04 (2006.01)

CPC (source: EP US)

F16L 5/04 (2013.01 - EP US)

Citation (search report)

See references of WO 0225158A2

Citation (examination)

FR 2744781 A1 19970814 - PEUGEOT [FR]

Cited by

GB2460895A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2004168398 A1 20040902; AU 9354901 A 20020402; CA 2319876 A1 20020319; CN 1296647 C 20070124; CN 1469979 A 20040121; EP 1319146 A2 20030618; PL 361178 A1 20040920; WO 0225158 A2 20020328; WO 0225158 A3 20020606; WO 0225158 A9 20030530

DOCDB simple family (application)

US 38087603 A 20031010; AU 9354901 A 20010919; CA 0101318 W 20010919; CA 2319876 A 20000919; CN 01817654 A 20010919; EP 01973885 A 20010919; PL 36117801 A 20010919