

Title (en)
Simulated fireplace assembly

Title (de)
Kunstkamin

Title (fr)
Cheminée artificielle

Publication
EP 1233237 A1 20020821 (EN)

Application
EP 01130542 A 19990304

Priority
• EP 99937977 A 19990304
• GB 9812084 A 19980605
• GB 9822247 A 19981013
• US 3600398 A 19980304

Abstract (en)
A fireplace assembly (10) includes a partially reflective vertical screen (16) with a diffusing back surface. A simulated fuel bed including simulated fuel and a simulated ember bed (24) is mounted in front of the screen. Light from a light source is reflected by a flicker element (20) onto the diffusing back surface of the screen to provide an image of moving flames. A plurality of reflectors (34) is mounted on the simulated fuel and light from the light source is reflected from a second flicker element (20') to the reflectors (34) to provide an impression of glowing embers. <IMAGE>

IPC 1-7
F24C 7/00

IPC 8 full level
F24C 7/00 (2006.01)

CPC (source: EP)
F24C 7/004 (2013.01)

Citation (search report)
• [YA] GB 1443772 A 19760728 - TI SUNHOUSE LTD
• [Y] WO 9741393 A1 19971106 - DIMPLEX NORTH AMERICA LIMITED [CA], et al
• [A] GB 2298073 A 19960821 - BITECH ENG [IE]
• [A] GB 1024047 A 19660330 - FROST & COMPANY LTD H
• [A] US 4965707 A 19901023 - BUTTERFIELD BRIAN J [IE]
• [A] US 4026544 A 19770531 - PLAMBECK H ROBERT, et al

Cited by
EP3575690A1; GB2547553A; GB2547553B; GB2462628A; GB2439342B; GB2439342A; US6953037B2; GB2458216A; GB2594304A; GB2594304B; WO2004092652A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1233237 A1 20020821; EP 1233237 B1 20041006; AT E221976 T1 20020815; AT E278913 T1 20041015; AU 3243799 A 19990920; AU 751518 B2 20020815; CA 2321716 A1 19990910; CA 2321716 C 20060822; CN 1142388 C 20040317; CN 1292076 A 20010418; DE 69902470 D1 20020912; DE 69902470 T2 20030410; DE 69920983 D1 20041111; DE 69920983 T2 20051013; EP 1082576 A1 20010314; EP 1082576 B1 20020807; NZ 507264 A 20030328

DOCDB simple family (application)
EP 01130542 A 19990304; AT 01130542 T 19990304; AT 99937977 T 19990304; AU 3243799 A 19990304; CA 2321716 A 19990304; CN 99803599 A 19990304; DE 69902470 T 19990304; DE 69920983 T 19990304; EP 99937977 A 19990304; NZ 50726499 A 19990304