

Title (en)

Apparatus for simulating flames or a solid fuel fire

Title (de)

Vorrichtung zur Simulierung von einer Flamme oder von Festbrennstofffeuer

Title (fr)

Appareil pour simuler des flammes ou le feu d'un foyer à combustible solide

Publication

EP 0611921 B1 19990929 (EN)

Application

EP 94300832 A 19940204

Priority

GB 9303003 A 19930215

Abstract (en)

[origin: EP0611921A2] A simulated solid fuel fire includes a rear reflector, which may be curved, a screen which diffusely transmits light and reflects light and a flag-like member positioned between a rear reflector and screen. Simulated fuel is positioned in front of the screen and means are provided to illuminate the fuel, the flag-like member and the rear reflector. A reflecting surface reflects light in such a way as to cause perception of colours. The rear reflector includes reflective regions situated below a darkened area. Luminous flame-shaped images, tinged with colour, can be perceived between shadows on the screen, the images emanating between the fuel and its reflected image. When the simulated fuel resembles logs, light illuminates the upper surfaces to promote realism. <IMAGE>

IPC 1-7

F24C 7/00

IPC 8 full level

F24C 7/00 (2006.01)

CPC (source: EP)

F24C 7/004 (2013.01)

Cited by

US6162047A; CN1299049C; US6047489A; US6155837A; GB2411951A; AU751518B2; GB2379731A; US6050011A; GB2325733A; GB2325733B; AU754531B2; AU773740B2; CN100386568C; AU734355B2; CN1306209C; CN100339638C; US7770312B2; US7236693B2; US6385881B1; US6564485B1; US6269567B1; US7673408B2; WO9945326A1; WO9741393A1; WO9843224A1; WO2004092652A1; US7373743B1; US8661721B2; US7668442B2; US7080472B2; US6944982B2; US6615519B2; WO2004109189A1

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