

Title (en)

Flame simulating assembly

Title (de)

Vorrichtung zum Simulieren von Flammen

Title (fr)

Agencement simulant des flammes

Publication

EP 1199526 A2 20020424 (EN)

Application

EP 01128775 A 19970430

Priority

- CA 2175442 A 19960430
- EP 97919227 A 19970430
- US 80146997 A 19970218

Abstract (en)

A flame simulating assembly, such as for an electric heating apparatus, includes a simulated fuel bed (26), a light source (30) and a screen (42) positioned behind the fuel bed (26). The screen (42) has a partially reflecting front surface (44) to provide an image of the fuel bed (26) and a diffusing element behind the partially reflecting surface (44). The diffusing element has a non-planar rear surface.

IPC 1-7

F24C 7/00

IPC 8 full level

F24C 15/06 (2006.01); **F21S 10/04** (2006.01); **F24C 7/00** (2006.01)

CPC (source: EP)

F21S 10/04 (2013.01); **F24C 7/004** (2013.01)

Cited by

US10024507B2; US10352517B2; US10578264B2; US10788179B2; US10808899B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9741393 A1 19971106; AT E219229 T1 20020615; AT E276488 T1 20041015; AT E278159 T1 20041015; AU 2377797 A 19971119; AU 734355 B2 20010614; CN 100339638 C 20070926; CN 1201110 C 20050511; CN 1306209 C 20070321; CN 1410703 A 20030416; CN 1410705 A 20030416; CN 1492180 A 20040428; DE 69713322 D1 20020718; DE 69713322 T2 20030130; DE 69730757 D1 20041021; DE 69730757 T2 20050210; DE 69731011 D1 20041104; DE 69731011 T2 20050210; EP 0897514 A1 19990224; EP 0897514 B1 20020612; EP 1199524 A2 20020424; EP 1199524 A3 20020717; EP 1199525 A2 20020424; EP 1199525 A3 20020807; EP 1199525 B1 20120808; EP 1199526 A2 20020424; EP 1199526 A3 20020717; EP 1199526 B1 20040929; EP 1199527 A2 20020424; EP 1199527 A3 20020717; EP 1199527 B1 20040915; JP 2001509873 A 20010724; JP 3575768 B2 20041013; NZ 333010 A 20000526; PL 183547 B1 20020628; PL 329604 A1 19990329

DOCDB simple family (application)

CA 9700299 W 19970430; AT 01128775 T 19970430; AT 01128776 T 19970430; AT 97919227 T 19970430; AU 2377797 A 19970430; CN 02148090 A 19970430; CN 02148091 A 19970430; CN 02148092 A 20021025; DE 69713322 T 19970430; DE 69730757 T 19970430; DE 69731011 T 19970430; EP 01128773 A 19970430; EP 01128774 A 19970430; EP 01128775 A 19970430; EP 01128776 A 19970430; EP 97919227 A 19970430; JP 53843297 A 19970430; NZ 33301097 A 19970430; PL 32960497 A 19970430