

Title (en)

Flame simulating assembly and components therefor

Title (de)

Vorrichtung zum Simulieren von Flammen und Bauelemente dafür

Title (fr)

Agencement simulant des flammes et ses constituants

Publication

**EP 1199524 A3 20020717 (EN)**

Application

**EP 01128773 A 19970430**

Priority

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

Abstract (en)

[origin: EP1199526A2] 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)

Citation (search report)

- [X] US 3742189 A 19730626 - CONROY R, et al
- [X] GB 1024047 A 19660330 - FROST & COMPANY LTD H

Cited by

GB2372806A; GB2372806B; EP1439351A3; US7770312B2; US7162820B2; US7673408B2; WO2004092652A1; US10024507B2; US10352517B2; US10578264B2; US10788179B2; US10808899B2

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**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

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