

Title (en)

FLAME SIMULATING APPARATUS AND ELECTRIC FIREPLACE HAVING THE SAME

Title (de)

FLAMMENSIMULATIONSVORRICHTUNG UND ELEKTRISCHE FEUERSTÄTTE DAMIT

Title (fr)

APPAREIL DE SIMULATION DE FLAMMES ET CHEMINÉE ÉLECTRIQUE ÉQUIPÉE D'UN TEL APPAREIL

Publication

EP 1947381 A4 20110629 (EN)

Application

EP 07710967 A 20070215

Priority

- CN 2007000546 W 20070215
- CN 200610036085 A 20060626

Abstract (en)

[origin: EP1947381A1] The present invention discloses a flame simulating apparatus for an electric fireplace and an electric fireplace therewith. The flame simulating apparatus comprises a movable light source, which further comprises two or more light shades (21, 22). A relative movement is produced between the two or more light shades (21, 22) when forming a simulated flame. In the present invention not only can a rising dynamic effect be produced upwards, but also can a drifting dynamic effect be produced laterally.

IPC 8 full level

F24C 7/00 (2006.01); **F21S 10/04** (2006.01); **F21V 1/10** (2006.01)

CPC (source: EP)

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

Citation (search report)

- [XY] DE 49862 C
- [XY] EP 0403721 A1 19901227 - MARCHESE LUDOVICO [IT]
- [X] DE 10252488 A1 20040513 - HUCK MARTIN [DE]
- [X] GB 957122 A 19640506 - FRANK JOSEPH MALINA
- [X] GB 2183387 A 19870603 - BURON KABUSHIKI KAISHA
- [Y] EP 1271060 A1 20030102 - CHEN XIAOLIANG [CN]
- [Y] US 3603013 A 19710907 - REED FREDERICK BRYDONE, et al
- [A] GB 2026684 A 19800206 - REGAL DOMESTIC APPLIANCES LTD
- [A] GB 2345338 A 20000705 - WILLIAM WATT & SON CONTRACTS L [GB]
- See references of WO 2008003200A1

Citation (examination)

- GB 251568 A 19260506 - HERBERT HENRY BERRY
- US 2002152656 A1 20021024 - HUANG LINE-YAO [TW]
- GB 392694 A 19330525 - FREDERICK ALEXANDER ROSS

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1947381 A1 20080723; EP 1947381 A4 20110629; CN 100498046 C 20090610; CN 1884903 A 20061227; WO 2008003200 A1 20080110

DOCDB simple family (application)

EP 07710967 A 20070215; CN 200610036085 A 20060626; CN 2007000546 W 20070215