

Title (en)
Flame effect apparatus

Title (de)
Flammeffektapparat

Title (fr)
Appareil d'effet de flammes

Publication
EP 1703211 B1 20091021 (EN)

Application
EP 06101559 A 20060210

Priority
IE 20050069 A 20050210

Abstract (en)
[origin: EP1703211A1] Apparatus (1) for simulating a solid fuel flame includes a frame (4) within which is mounted a screen (5). An enclosure (6) is mounted below the screen (5) having a frosted glass refractor panel forming a top wall (10) of the enclosure (6). A cylindrical container (15) is rotatably mounted within the enclosure (6). A motor rotates the container (15) on a support. The container (15) is partially filled with a red or brown coloured liquid (26). Lamps (30) or LED's within the enclosure (6) are operable to shine light through the coloured liquid (26) in the container (15) and through the refractor panel (10) onto the screen (5). Movement of the coloured liquid (26), which may be enhanced by internal projections (25) in the container (15), causes flickering of the light projected onto the screen (5) to give a flame effect simulating a solid fuel fire.

IPC 8 full level
F24C 7/00 (2006.01)

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

Cited by
RU185630U1; GB2466434A; GB2466434B; WO2011154417A1; WO2010079053A3; US10024507B2; US10352517B2; US10578264B2; US10788179B2; US10808899B2

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 1703211 A1 20060920; EP 1703211 B1 20091021; AT E446481 T1 20091115; DE 602006009861 D1 20091203; IE S20060093 A2 20061018

DOCDB simple family (application)
EP 06101559 A 20060210; AT 06101559 T 20060210; DE 602006009861 T 20060210; IE S20060093 A 20060210