

Title (en)  
SIMULATED FLAME EFFECT APPARATUS

Title (de)  
GERÄT MIT SIMULIERTEM FLAMMENEFFEKT

Title (fr)  
APPAREIL À EFFET DE FLAMME SIMULÉE

Publication  
**EP 4001765 B1 20231206 (EN)**

Application  
**EP 21020578 A 20211118**

Priority  
• GB 202018223 A 20201119  
• GB 202018789 A 20201130

Abstract (en)  
[origin: EP4001765A1] Apparatus for creating a simulated flame effect and suitable for an electric fire comprising a housing having a base (12) and a top wall (11) spaced apart to define therebetween a housing interior (20), the housing additionally comprising a front for providing a line of sight into said interior, the top wall comprising a capture screen (15) that faces towards the base of the housing, a reflector (14) disposed within the housing to lie between the capture screen and the housing base, said reflector comprising a reflective front face (17) that is inclined relative to the line of sight into the housing interior, an image projector (16) to project an image towards the capture screen, and wherein the reflector is angled relative to the capture screen whereby an image received by the capture screen (15) from the image projector is seen on the reflector front face and reflected forwards in the direction of said line of sight.

IPC 8 full level  
**F24C 7/00** (2006.01)

CPC (source: EP GB)  
**F24C 3/006** (2013.01 - GB); **F24C 7/004** (2013.01 - EP GB)

Citation (examination)  
• US 2285535 A 19420609 - OTTO SCHLETT  
• EP 3473934 B1 20200304 - HYGGE MOTION BV [BE]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 4001765 A1 20220525; EP 4001765 B1 20231206**; GB 202018223 D0 20210106; GB 202018789 D0 20210113; GB 202116657 D0 20220105; GB 2601907 A 20220615; GB 2601907 A9 20220727; GB 2601907 B 20230503

DOCDB simple family (application)  
**EP 21020578 A 20211118**; GB 202018223 A 20201119; GB 202018789 A 20201130; GB 202116657 A 20211118