

Title (en)
ILLUMINATING ANIMATION DEVICE

Title (de)
ANIMATIONSVORRICHTUNG MIT BELEUCHTUNG

Title (fr)
DISPOSITIF D'ANIMATION PAR ÉCLAIRAGE

Publication
EP 4368269 A1 20240515 (EN)

Application
EP 23208476 A 20231108

Priority
US 202218054693 A 20221111

Abstract (en)
An illuminating animation device comprising: a housing compartment comprising a base and a film secured together via a wall that extends therebetween, wherein the film includes an image cut therein; a divider secured within the housing compartment, which divides the compartment into a first and second chamber; a printed circuit board secured to the base within the housing compartment, wherein the printed circuit board includes a first and second LED, wherein the first LED is secured within the first chamber and the second LED is secured within the second chamber; a microcontroller unit secured to the base and electrically connected to the printed circuit board; and a power source electrically connected to the microcontroller unit.

IPC 8 full level
A63H 3/00 (2006.01); **A63H 3/28** (2006.01); **A63H 33/22** (2006.01); **A63H 33/28** (2006.01)

CPC (source: EP)
A63H 3/006 (2013.01); **A63H 3/28** (2013.01); **A63H 33/22** (2013.01); **A63H 33/28** (2013.01); **A63H 2200/00** (2013.01)

Citation (applicant)
US 202117335447 A 20210601

Citation (search report)
• [A] US 2018224729 A1 20180809 - SUM KAN WAH KAN [HK], et al
• [A] US 4802071 A 19890131 - SCHUSTER HERBERT J [CA]
• [A] US 2020192 A 19351105 - KINGSBURY HARRY T
• [A] KR 20180057963 A 20180531 - KIM HYUNG JUN [KR]
• [A] WO 2007084770 A2 20070726 - PTI GROUP INC [US], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4368269 A1 20240515; CN 118042664 A 20240514; JP 2024070835 A 20240523

DOCDB simple family (application)
EP 23208476 A 20231108; CN 202311503235 A 20231110; JP 2023190581 A 20231108