

Title (en)

DISPLAY DEVICE FOR GAME MACHINE AND GAME MACHINE

Title (de)

ANZEIGEVORRICHTUNG FÜR SPIELAUTOMAT UND SPIELAUTOMAT

Title (fr)

DISPOSITIF D'AFFICHAGE POUR MACHINE DE JEU ET MACHINE DE JEU CORRESPONDANTE

Publication

**EP 1452211 A4 20061129 (EN)**

Application

**EP 03703137 A 20030131**

Priority

- JP 0301039 W 20030131
- JP 2002024342 A 20020131
- JP 2002298992 A 20021011
- JP 2002311058 A 20021025

Abstract (en)

[origin: US2003166417A1] A game machine display device of the invention includes a projector unit (21) for enlarging and projecting an image by rear projection, a screen film (22) for forming thereat the image projected by the projector unit (21), and a Fresnel lens (24) disposed between the projector unit (21) and the screen film (22). According to this structure, by disposing the Fresnel lens (24) between the projector unit (21) and the screen film (22), an image can be uniformly displayed with high illuminance over the entire game board (11)

IPC 1-7

**A63F 7/02**; **A63F 5/04**

IPC 8 full level

**A63F 7/02** (2006.01); **G07F 17/32** (2006.01)

CPC (source: EP US)

**A63F 7/02** (2013.01 - EP US); **G07F 17/3211** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0919965 A2 19990602 - INT GAME TECH [US]
- [XY] GB 2274010 A 19940706 - AG PATENTS LTD [GB]
- [Y] JP 2001300016 A 20011030 - SANYO PRODUCT CO LTD
- [Y] JP H08196689 A 19960806 - HEIWA CORP
- [A] JP H07178223 A 19950718 - SANKYO CO & DATABASE WPI Week 200212, Derwent World Patents Index; AN 2002-086268 & DATABASE WPI Week 199641, Derwent World Patents Index; AN 1996-406398
- See references of WO 03063984A1

Cited by

US4680533A; GB2403914A; GB2403914B; US7297058B2; US7470194B2

Designated contracting state (EPC)

DE FR GB MC

DOCDB simple family (publication)

**US 2003166417 A1 20030904**; CA 2449058 A1 20030807; CN 1214838 C 20050817; CN 1435268 A 20030813; EP 1452211 A1 20040901; EP 1452211 A4 20061129; JP WO2003063984 A1 20050526; WO 03063984 A1 20030807

DOCDB simple family (application)

**US 35564303 A 20030131**; CA 2449058 A 20030131; CN 03103456 A 20030130; EP 03703137 A 20030131; JP 0301039 W 20030131; JP 2003563668 A 20030131