

Title (en)

PORTHOLE DOOR FOR A FRONT-LOADING DRUM WASHING MACHINE

Title (de)

BULLAUGENTÜR FÜR EINE VON VORN BESCHICKBARE TROMMELWASCHMASCHINE

Title (fr)

PORTE A HUBLOT DESTINEE A UN LAVE-LINGE A TAMBOUR A CHARGEMENT FRONTAL

Publication

EP 1334228 A1 20030813 (DE)

Application

EP 01988798 A 20011012

Priority

- DE 10053413 A 20001027
- EP 0111848 W 20011012

Abstract (en)

[origin: WO0234994A1] The porthole door has a hinged frame (4) on the housing of the washing machine, consisting of a supporting ring (6) and a retaining ring (8). The supporting ring (6) supports an inspection glass (5) which is recessed in the form of a cup in the direction of the interior of the drum. Said inspection glass is protected by a cover (9) against access at the level of the external retaining ring (8) of the frame (4), the edge thereof being fixed to the frame (4). The cover (9) is made of flat glass cooled by means of a model mould. As a result, the porthole unit is aesthetic and easy to assemble.

IPC 1-7

D06F 39/14; **D06F 37/28**

IPC 8 full level

D06F 37/28 (2006.01); **D06F 39/14** (2006.01)

CPC (source: EP KR US)

D06F 37/10 (2013.01 - KR); **D06F 37/262** (2013.01 - KR); **D06F 37/28** (2013.01 - KR); **D06F 39/14** (2013.01 - EP KR US)

Citation (search report)

See references of WO 0234994A1

Cited by

WO2011141345A2; DE102009046682A1; WO2011057965A1; US8555681B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0234994 A1 20020502; AT E331063 T1 20060715; CN 100449051 C 20090107; CN 1471598 A 20040128; DE 10053413 A1 20020508; DE 50110289 D1 20060803; EP 1334228 A1 20030813; EP 1334228 B1 20060621; ES 2267845 T3 20070316; JP 2004512115 A 20040422; JP 3926742 B2 20070606; KR 100746436 B1 20070803; KR 20030038735 A 20030516; PL 202113 B1 20090630; PL 361358 A1 20041004; US 2004050117 A1 20040318; US 7299666 B2 20071127

DOCDB simple family (application)

EP 0111848 W 20011012; AT 01988798 T 20011012; CN 01818029 A 20011012; DE 10053413 A 20001027; DE 50110289 T 20011012; EP 01988798 A 20011012; ES 01988798 T 20011012; JP 2002537956 A 20011012; KR 20037003541 A 20030311; PL 36135801 A 20011012; US 42243603 A 20030424