

Title (en)  
Improvement in the lid of a top-loading clothes washing machine

Title (de)  
Tür für eine von oben beschickbare Waschmaschine

Title (fr)  
Porte pour machine à laver à chargement par le dessus

Publication  
**EP 1640494 B1 20081119 (EN)**

Application  
**EP 04022493 A 20040922**

Priority  
EP 04022493 A 20040922

Abstract (en)  
[origin: EP1640494A1] The present invention refers to a top-loading clothes washing machine that comprises an upper lid (2) shutting the washing tub (1) and enabling access to be gained into the interior of the clothes-holding drum rotatably supported therewithin, an outer casing (3) and a hopper (4) situated in correspondence to said lid and possibly provided with a joining member (14) that seals the upper edge of the hopper against the upper edge of the outer casing, a top lid (6) provided with a counter-lid (7) on the lower side thereof, elastic gasket means (10) arranged between the counter-lid and an upper portion of the hopper, a groove (9) extending along the inner surface of the counter-lid and adapted to receive the elastic gasket means, the latter being formed by a ring of a suitable thermoplastic material over-injected into said groove close to the outer edges thereof. The portion of this ring that protrudes from the groove comprises two distinct lips (11a,11b) that are oriented inwards and outwards, respectively, relative to the ring itself.

IPC 8 full level  
**D06F 39/14** (2006.01)

CPC (source: EP US)  
**D06F 39/14** (2013.01 - EP US)

Cited by  
IT202000018133A1; EP1862581A1; US11492748B2; EP2554735A1; WO2007137861A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1640494 A1 20060329; EP 1640494 B1 20081119**; AT E414811 T1 20081215; BR PI0503751 A 20060502; BR PI0503751 B1 20170207; CN 100526543 C 20090812; CN 1752327 A 20060329; DE 602004017865 D1 20090102; ES 2312899 T3 20090301; JP 2006087929 A 20060406; PL 1640494 T3 20090430; US 2006059956 A1 20060323

DOCDB simple family (application)  
**EP 04022493 A 20040922**; AT 04022493 T 20040922; BR PI0503751 A 20050915; CN 200510109974 A 20050921; DE 602004017865 T 20040922; ES 04022493 T 20040922; JP 2005273603 A 20050921; PL 04022493 T 20040922; US 23181505 A 20050922