

Title (en)

METHOD FOR THE PRODUCTION OF A LOADING DOOR, AND LOADING DOOR FOR A LAUNDRY TREATMENT MACHINE

Title (de)

VERFAHREN ZUM HERSTELLEN EINER BESCHICKUNGSTÜR SOWIE BESCHICKUNGSTÜR FÜR EINE WÄSCHEBEHANDLUNGSMASCHINE

Title (fr)

PROCÉDÉ POUR LA FABRICATION D'UNE PORTE DE CHARGEMENT ET PORTE DE CHARGEMENT POUR UNE MACHINE DE TRAITEMENT DU LINGE

Publication

EP 2732089 A1 20140521 (DE)

Application

EP 12729164 A 20120626

Priority

- DE 102011078918 A 20110711
- EP 2012062306 W 20120626

Abstract (en)

[origin: WO2013007510A1] The invention relates to a method for producing a loading door (1) as well as a loading door (1) for a laundry treatment machine, comprising a door frame (2) and an insert (6) mounted within the door frame (2). The door frame (2) comprises at least an inner frame part (3) and an outer frame part (4) between which the insert (6) is introduced in such a way that at least one support surface (10) thereof rests on multiple support zones (20) of the door frame. In order to create a loading door, the thickness of which can always be adjusted within a given desired measure while allowing for compensation of the tolerance of the dimensions of the insert, and which meets the design requirements insofar as the inner frame part and the outer frame part rest on each other without a joint or a gap forming therebetween, at least the material of the support zones (20) is brought into a temporarily plastically deformable state before the frame parts (3, 4) are joined. Once the insert (6) has been introduced, forces are applied to the support zones (20) in such a way that the support zones (20) conform to the geometry of the insert (6) and the door thickness attains the given desired measure (28).

IPC 8 full level

D06F 39/14 (2006.01); **D06F 58/04** (2006.01)

CPC (source: CN EP US)

D06F 39/14 (2013.01 - CN EP US)

Citation (search report)

See references of WO 2013007510A1

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)

DE 102011078918 A1 20130117; CN 103649404 A 20140319; CN 103649404 B 20160330; EP 2732089 A1 20140521; EP 2732089 B1 20160921; PL 2732089 T3 20170228; RU 2014101773 A 20151127; WO 2013007510 A1 20130117

DOCDB simple family (application)

DE 102011078918 A 20110711; CN 201280034268 A 20120626; EP 12729164 A 20120626; EP 2012062306 W 20120626; PL 12729164 T 20120626; RU 2014101773 A 20120626