

Title (en)
DOOR-HINGE ASSEMBLY IN A WASHING MACHINE

Title (de)
TÜRSCHARNIERANORDNUNG BEI EINER WASCHMASCHINE

Title (fr)
ENSEMBLE DE CHARNIÈRE DE PORTE DANS UNE MACHINE À LAVER

Publication
EP 3623524 B1 20210519 (EN)

Application
EP 19196113 A 20190909

Priority
IT 201800008657 A 20180917

Abstract (en)
[origin: EP3623524A1] A door-hinge assembly (1) in a washing machine (2) having a housing (3) which forms a laundry loading opening (4), wherein the door-hinge assembly (1) comprises: a door (5) configured to close the laundry loading opening (4), a hinge (6) comprising one or more first hinge bodies (7) which are fixedly connected to the housing (3) and one or more second hinge bodies (8) connected to the door (5), wherein said one or more first hinge bodies (7) are pivotally connected to said one or more second hinge bodies (8) about a single hinge axis (9), so as to obtain a pivoting connection, about the hinge axis (9), between said door (5) and said housing (3); characterized in that it comprises one or more first channels (10) formed inside said one or more first hinge bodies (7), and one or more second channels (11) formed inside said one or more second hinge bodies (8) and connected to said one or more first channels (7) in one or more corresponding pivoting coupling interfaces (12) about said hinge axis (9), so as to obtain one or more continuous ducts (13) extending from the housing (3) through the hinge (6) up to the door (5).

IPC 8 full level
D06F 39/14 (2006.01); **D06F 39/02** (2006.01)

CPC (source: CN EP)
D06F 39/14 (2013.01 - CN EP); **D06F 39/022** (2013.01 - EP)

Cited by
CN112267260A; EP4386072A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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