

Title (en)

Dishwasher with rack mounted on rails and roller chains associated thereto

Title (de)

Geschirrspülmaschine mit auf Schienen montiertem Gestell und dazugehörigen Rollenketten

Title (fr)

Lave-vaisselle à bâti monté sur rails et chaînes à rouleaux correspondantes

Publication

EP 1982633 B1 20101201 (EN)

Application

EP 07106214 A 20070416

Priority

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Abstract (en)

[origin: EP1982633A1] It is disclosed a dishwasher (10) with a washing chamber (12) and a rack (16) slidably mounted on a pair of rails (18,18') connected to a pair of roller chains (22, 22') that form substantially rigid longitudinal extensions that support said rack (16) during sliding in and out said washing chamber (12). The rollers (24) of the roller chains (22,22') have a structure that prevent downward bending but allow upward bending of the chains (22,22'). The flanks of the rack (16) comprise housings (32,32') to accommodate the roller chains (22,22') in the bent state. The chains are deployed when the rack is pulled out of the washing chamber, otherwise they are stored in a bent state within the housings (32, 32'). They can be partially deployed or fully deployed, thereby allowing to withdraw the rack on different distances.

IPC 8 full level

A47L 15/50 (2006.01)

CPC (source: EP)

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Cited by

US9357899B2; US9635995B2; US10499790B2

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