

Title (en)
Device for fine filtering the washing liquid in a dishwasher

Title (de)
Vorrichtung zum Filtern von Waschflüssigkeit in einem Geschirrspüler

Title (fr)
Dispositif de filtration du liquide de lavage dans un lave-vaisselle

Publication
EP 0976359 A1 20000202 (EN)

Application
EP 98830456 A 19980728

Priority
EP 98830456 A 19980728

Abstract (en)
Device for fine filtering the washing liquid in a dishwasher, comprising a wash compartment (1) to contain the objects to be washed, a pump (25) for re-circulating the liquid by collecting it from the bottom (9) of the wash compartment (1) and admitting it into the latter by means of a plurality of nozzles (6), a drainage pump (29) to drain the liquid out of the wash compartment at the end of the washing and/or rinsing cycle, the said bottom (9) of the wash compartment (1) including a primary grille (10) and a perforated vessel (11) in order to allow the liquid to pass through to the said re-circulation pump but retain the large particles of dirt removed from the objects to be washed. The device additionally comprises, for collection of the liquid from the bottom (9) of the wash compartment (1), a first chamber (12) positioned below the said primary grille (10) and at least partially surrounding the said perforated vessel (11), a second chamber (14) which communicates freely with the said first chamber (12) and contains filtering elements (16) designed to retain fine particles of dirt, and a third chamber (17) which communicates on one hand with the said second chamber (14), around the said filtering elements (16) of the latter, and on the other hand with the suction duct (24) of the said recirculation pump (25), the said second chamber (14) also being in communication with the suction duct (28) of the said drainage pump (29) via apertures (27) without filtering elements. <IMAGE>

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A47L 15/42

IPC 8 full level
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A47L 15/4206 (2013.01); **A47L 15/4208** (2013.01)

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• [A] EP 0454640 A1 19911030 - ELECTROLUX AB [SE]
• [A] EP 0774230 A2 19970521 - CANDY SPA [IT]
• [A] GB 2204482 A 19881116 - ZANUSSI A SPA INDUSTRIE

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US7935195B2; CN108498046A; CN106061348A; JP2019030516A; DE102005008987B3; US10244918B2; DE102007007134A1; US8746461B2

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