

Title (en)

Dishwasher with rotating sprayer with selectively fed spraying nozzles and associated washing method

Title (de)

Geschirrspüler mit drehbarem Sprüharm mit selektiv gespeisten Sprühdüsen und Verfahren

Title (fr)

Lave vaisselle comportant un bras tournant d'arrosage avec des buses de pulvérisation et procédé

Publication

EP 0795292 A2 19970917 (EN)

Application

EP 96202882 A 19961016

Priority

IT MI960250 A 19960209

Abstract (en)

Dishwashing machine with a spraying device (11) of the hydraulic whirler type forming two separate manifolds (17, 18), each provided with spraying nozzles (21, .. 26, 31, .. 36) which travel along separate spraying paths, the two manifolds (17, 18) being selectively fed in such a manner that the combined feeding of the two manifolds by a pump (4) makes it possible to achieve a high spraying flow rate with low-energy spraying jets and the selective feeding of only one of the two manifolds makes it possible to obtain spraying jets with high kinetic energy, although of lower cumulative flow rate: the selective feeding of one or the other collector, at different times, makes it possible to double the number of spraying paths and to obtain a variable orientation of the jets, with a washing action which is more extensive and penetrating as a result of the direct exposure to the spraying jets of the entire surface of the load to be washed, yet with a minimal volume of water in circulation. <IMAGE>

IPC 1-7

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IPC 8 full level

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Cited by

US7100623B2; US8857450B2; EP1813182A1; AU2016278522B2; EP1767134A3; US2012279536A1; EP2805662A1; EP2572624A1; EP3292808A1; AU2004218739B2; EP1523927A3; DE10134917A1; DE10134917B4; CN117086043A; CN100413448C; EP1040787A1; AU2006331470B2; AU2002325292B2; DE19914359C5; EP0943282A3; US10588480B2; WO2007074022A1; WO2018059978A1; WO03005875A1; US9259138B2; US10213796B2; US9414736B2; US10076224B2; US9119517B2; US10499787B2; US11147430B2; US9492055B2; US9532701B2; US10398283B2; WO2005058123A1; WO2019086255A1; WO2013045121A1; WO2019086256A1; US9693672B2; US10058229B2; US10213085B2; US10602907B2; US9060663B2; US9375128B2; US9386903B2; US9402526B2; US9295368B2; US9532699B2; US9782052B2; US9839340B2; US10052010B2; US8753454B2; US8764908B2; US8801868B2; US8808467B2; US8871031B2; US9474434B2; US9615720B2; US10238266B2

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