

Title (en)
Dishwashing machine with improved hydraulic circuit

Title (de)
Hydraulikkreislauf für eine Geschirrspülmaschine

Title (fr)
Circuit hydraulique pour machine à laver la vaisselle

Publication
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Application
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Priority
IT TO950909 A 19951110

Abstract (en)
A dishwashing machine is described, comprising a washing chamber (3) housing at least a crockery basket (6) to which a tubular element (4) is associated a fluid is flowing from a pump, one end of said tubular element (4) being connected with a rotating spraying element (5), where said spraying element (5) has at least two arms (7a,7b), in particular opposite to each other, and where said tubular duct (4) is engaged with the spraying element (5) substantially in the joining area of said arms (7a,7b). According to the present invention, in said joining area of said two arms (7a,7b) the sprayer (5) has a substantial enlargement (12) in respect to its prevailing section, said enlargement (12) being particularly suited to form a tank for converting the speed of the fluid coming from the tubular element (4) into pressure. <IMAGE>

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A47L 15/23

IPC 8 full level
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CPC (source: EP)
A47L 15/23 (2013.01)

Citation (search report)
• [A] US 5449011 A 19950912 - JACOBUS DWIGHT W [US], et al
• [A] DATABASE WPI Section PQ Week 8750, 23 December 1987 Derwent World Patents Index; Class P28, AN 87354089, XP002013289

Cited by
DE19812329C1; CN100423680C; US6431188B1; US8221558B2; US8732652B2; US11191417B2; US11612299B2; US11464391B2

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