

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  
**EP 0772994 A1 19970514 (EN)**

Application  
**EP 96117864 A 19961107**

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>

IPC 1-7  
**A47L 15/23**

IPC 8 full level  
**A47L 15/23** (2006.01)

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

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**EP 0772994 A1 19970514; EP 0772994 B1 20020417**; DE 69620709 D1 20020523; DE 69620709 T2 20021128; ES 2175010 T3 20021116; IT 1280478 B1 19980120; IT TO950909 A0 19951110; IT TO950909 A1 19970510

DOCDB simple family (application)  
**EP 96117864 A 19961107**; DE 69620709 T 19961107; ES 96117864 T 19961107; IT TO950909 A 19951110