

Title (en)
Dishwasher

Title (de)
Geschirrspülmaschine

Title (fr)
Lave-vaisselle

Publication
EP 0980669 A3 20000329 (DE)

Application
EP 99112992 A 19990706

Priority
DE 19836739 A 19980813

Abstract (en)
[origin: EP0980669A2] A dish-washing machine where the goods to be rinsed are handled in one or more handling zones following after one another has at least one water spray device (9) in at least one handling zone, at least one collecting tank (17) for rinsing water in the handling zone(s) and below the spray device, connected to a drain (23) and a level boundary for the rinsing water. It has a supply line (21) from the collecting tank to the spray device in which a circulating pump is located. There is a centrifugal force separator (20) to which rinsing water from the collecting tank is passed via a supply line and a circulating pump and where mostly clean water led into the handling zone above the collecting tank and dirty water led into the drain are separated. The clean water from the centrifugal separator (20) is supplied as rinsing water directly to the water spray device (9) for the goods to be cleaned.

IPC 1-7
A47L 15/42

IPC 8 full level
A47L 15/24 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)
A47L 15/247 (2013.01); **A47L 15/4219** (2013.01)

Citation (search report)
• [X] DE 2951837 A1 19800717 - HOBART CORP
• [DY] DE 1965828 A1 19710527 - WINTERHALTER KG KARL
• [Y] DE 2022270 B2 19800514 - ZANUSSI A SPA INDUSTRIE [IT]
• [A] US 5546969 A 19960820 - VILEN ERIK O [US]

Cited by
DE102004030001A1; EP1354549A3; CN104352209A; US10390675B2; US7938913B2; US8042557B2; WO2006107650A1; WO2006007236A3; WO0228264A1; US8092614B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19836739 A1 20000217; DE 59914788 D1 20080731; EP 0980669 A2 20000223; EP 0980669 A3 20000329; EP 0980669 B1 20080618

DOCDB simple family (application)
DE 19836739 A 19980813; DE 59914788 T 19990706; EP 99112992 A 19990706