

Publication

**EP 0688607 A4 19960131**

Application

**EP 95903939 A 19941222**

Priority

- JP 9402191 W 19941222
- JP 34579193 A 19931224
- JP 8115294 A 19940329

Abstract (en)

[origin: WO9517971A1] A dish washing tube having an opening formed in a side wall thereof is formed continuously to a kitchen sink; a washing water injection machine is disposed outwardly of the opening which comprises a multilayer unit constituted by a plurality of discs which are integrally concentrically layered over each other with a certain gap therebetween, a driving device for rotating the multilayer unit about its center axis and a washing water supply device for supplying washing water to each of the discs of the multilayer unit; and the opening and the washing water injection machine are surrounded by a casing.

IPC 1-7

**B05B 3/10**

IPC 8 full level

**A47L 15/22** (2006.01); **B08B 3/02** (2006.01)

CPC (source: EP)

**A47L 15/22** (2013.01); **B08B 3/02** (2013.01)

Citation (search report)

- [X] CH 404888 A 19651231 - VERZINKEREI ZUG AG [CH]
- [XA] DE 1191527 B 19650422 - GEORGE MIKULASEK GIBSON
- [A] US 3809106 A 19740507 - CRABTREE C
- See references of WO 9517971A1

Cited by

EP1358837A3; EP0745346A1; US5787910A; US11548017B2; WO2005018407A3; US9259747B2; US9649645B2; US10086390B2; US7604012B2; US9386902B2; US9949610B2; US10987680B2; US7422024B2; US7201175B2; US9707572B2; US10124349B2; US9757740B2; US10625278B2; US11878314B2; US9623423B2; US9931017B2; US10265711B2; US11786919B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9517971 A1 19950706**; CA 2155433 A1 19950706; EP 0688607 A1 19951227; EP 0688607 A4 19960131

DOCDB simple family (application)

**JP 9402191 W 19941222**; CA 2155433 A 19941222; EP 95903939 A 19941222