

Title (en)

METHOD AND MACHINE FOR WASHING PLANE ARTICLES LIKE TRAYS, PLATES AND SAUCERS

Publication

**EP 0100724 A3 19860219 (FR)**

Application

**EP 83401537 A 19830726**

Priority

FR 8213272 A 19820729

Abstract (en)

[origin: US4561144A] The present invention relates to a process for mechanically washing articles of flat tableware, such as plates, saucers or the like, conveyed continuously, said process comprising the steps of subjecting the articles to a wet phase by rotary brushing under a projection of detergent water and then subjecting them to a phase of physical elimination of the wet residue by projection of a flat jet of air over the whole surface of the articles, maintained in inclined position, the flat jet of air pushing the remanent liquid film in the direction of gravity. It also relates to a machine for carrying out this process, of the type comprising a station for brushing provided with means for projecting detergent water, a tank of detergent water supplied by the return by gravity of the water coming from said wet brushing station, means for recycling the water from this tank towards the detergent water projecting means, said machine further comprising, immediately downstream of said wet brushing station, means for projecting a flat jet of air adapted to scrape and physically eliminate the wet film remaining on the surface of the articles.

IPC 1-7

**A47L 15/24**

IPC 8 full level

**A47L 15/24** (2006.01)

CPC (source: EP US)

**A47L 15/0092** (2013.01 - EP US); **A47L 15/245** (2013.01 - EP US)

Citation (search report)

- [Y] FR 1486181 A 19670623
- [Y] US 1765996 A 19300624 - SAMUEL OLSON
- [A] US 3849831 A 19741126 - DEVERTER W, et al
- [A] US 1354049 A 19200928 - JESSE LINTON
- [A] US 3315293 A 19670425 - WERNEKE EVERETT E
- [A] US 3289682 A 19661206 - ERIK NASLUND
- [A] FR 2366215 A1 19780428 - APPELSHAUSER CHARLES [FR]
- [A] DE 2043243 A1 19720309 - MEIKO MASCHINEN U APPARATEBAU
- [A] US 1820563 A 19310825 - HALL CHARLES G

Cited by

DE19845541A1; GB2155772A; FR2908032A1; DE19836739A1; DE4436359A1; EP0432112A3; WO2013138173A1; WO2008053346A3

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0100724 A2 19840215; EP 0100724 A3 19860219; EP 0100724 B1 19880713;** AT E35616 T1 19880715; DE 3377329 D1 19880818; FR 2530942 A1 19840203; FR 2530942 B1 19851108; US 4561144 A 19851231

DOCDB simple family (application)

**EP 83401537 A 19830726;** AT 83401537 T 19830726; DE 3377329 T 19830726; FR 8213272 A 19820729; US 51604983 A 19830720