

Title (en)

Method and machine for washing plane articles like trays, plates and saucers.

Title (de)

Verfahren und Vorrichtung zum Spülen von flachem Geschirr wie Tablette und Teller.

Title (fr)

Procédé et dispositif pour le lavage d'articles de vaissellerie plate, tels que plats, plateaux, assiettes.

Publication

**EP 0100724 A2 19840215 (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.

Abstract (fr)

L'invention concerne un procédé et un dispositif de lavage mécanique d'articles de platerie ou vaissellerie plate telles que assiettes, soucoupes ou analogues. Les articles sont acheminés en continu et soumis à une phase humide par brossage (21) rotatif sous projection d'eau détergente (19,20), puis sont ensuite soumis à une phase d'élimination physique du reliquat humide par projection d'une lame d'air depuis des buses (27,28) suivant toute la surface des articles, maintenus en position inclinée, la lame d'air chassant le film liquide rémanent dans la direction de la pesanteur. Application au lavage mécanique de vaisselle pour restaurants et collectivités.

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Cited by

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