

Title (en)

Low noise dish washer with limited water consumption.

Title (de)

Geräuscharme Geschirrspülmaschine mit beschränktem Wasserverbrauch.

Title (fr)

Lave-vaisselle utilisant une quantité d'eau limitée, et à fonctionnement peu bruyant.

Publication

EP 0080948 A1 19830608 (FR)

Application

EP 82402158 A 19821126

Priority

FR 8122587 A 19811202

Abstract (en)

1. Dish-washer wherein the stopping of the water supply is controlled when the pressure within the body (16) of the cycling pump (15), which is operative during the supply, rises suddenly, this body (16) communicating with the atmosphere during the supply through a conduit (30) the upper end of which (31) is substantially located at the desired level of the free surface of the water within the dish-washer, characterized in that the cycling pump comprises above the arms (21) used for the cycling and in the neighbourhood of the conduit (30) auxiliary arms (23) for aspirating air during the water supply so that in the course of this supply the pump substantially moves but air, these auxiliary arms further permitting the emptying of the cycling pump during discharge and in that the body (16) of the cycling pump (15) is such that during the water supply the water (11) can penetrate into this body only through its lower portion (28).

Abstract (fr)

L'arrêt du remplissage en eau est commandé lorsque la pression régnant dans le corps (16) de la pompe de cyclage (15), qui est en fonctionnement lors de ce remplissage, augmente brusquement. Ce corps (16) est, lors du remplissage, en communication avec l'atmosphère par l'intermédiaire d'un conduit (30) dont l'extrémité supérieure (31) est sensiblement au niveau souhaité pour la surface libre de l'eau dans le lave-vaisselle. Le lave-vaisselle est agencé pour que, lors du remplissage, quand la surface libre de l'eau est au-dessous de l'extrémité supérieure (31), la pompe brasse pratiquement seulement de l'air afin que ce remplissage soit peu bruyant.

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IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP)

A47L 15/4244 (2013.01); **A47L 15/4209** (2016.10); **A47L 15/507** (2013.01)

Citation (search report)

- [YD] US 3415261 A 19681210 - LONG OLAN L
- [Y] US 3294102 A 19661227 - RUSPINO JAMES G, et al

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