

Title (en)
SPRAYING ARM ASSEMBLY AND WASHING ELECTRIC APPLIANCE HAVING SAME

Title (de)
SPRÜHARMANORDNUNG UND ELEKTRISCHES WASCHGERÄT DAMIT

Title (fr)
ENSEMBLE BRAS DE PULVÉRISATION ET APPAREIL ÉLECTRIQUE DE LAVAGE LE PRÉSENTANT

Publication
EP 3845111 A4 20210707 (EN)

Application
EP 19855309 A 20190701

Priority

- CN 201810991115 A 20180828
- CN 201821410963 U 20180828
- CN 201810990361 A 20180828
- CN 201821401305 U 20180828
- CN 2019094275 W 20190701

Abstract (en)
[origin: EP3845111A1] A spraying arm assembly (1000) and a washing electric appliance having same. The spraying arm assembly (1000) comprises: a spraying arm (100), the spraying arm (100) having a spraying arm thread (121); a spraying arm base (200), the spraying arm (100) and the spraying arm base (200) being connected, and the spraying arm (100) being rotatable with respect to the spraying arm base (200); a ball assembly (300), the ball assembly (300) being provided at a position that the spraying arm (100) and the spraying arm base (200) are connected and matched, and the ball assembly (300) comprising a bearing substrate (3100) and a ball (330), the ball (330) being rotatably provided on the bearing substrate (3100), and the bearing substrate (3100) being provided with a ball thread matched with the spraying arm thread (121). The ball assembly (300) enables the form of friction between the spraying arm (100) and the spraying arm base (200) to be rolling friction, the hydrodynamic loss caused by the connection manner using a sliding friction form in the prior art is reduced, and the smoothness at the time of rotation of the spraying arm (100) can be improved and the noise can be lowered.

IPC 8 full level
A47L 15/22 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)
A47L 15/22 (2013.01)

Citation (search report)

- [XA] US 2004069332 A1 20040415 - LEBARON FORREST L [US]
- [A] DE 2064411 A1 19720713 - SCHMITZ R
- [A] FR 1280958 A 19620108
- See references of WO 2020042752A1

Cited by
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3845111 A1 20210707; EP 3845111 A4 20210707; WO 2020042752 A1 20200305

DOCDB simple family (application)
EP 19855309 A 20190701; CN 2019094275 W 20190701