

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 A1 20210707 (EN)

Application
EP 19855309 A 20190701

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- CN 2019094275 W 20190701

Abstract (en)
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.

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US11007279B2; US10729786B2

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