

Title (en)
ROTATING PAD HOLDER FOR VACUUM CLEANER

Title (de)
ROTIERENDER PAD-HALTER FÜR STAUBSAUGER

Title (fr)
SUPPORT DE TAMPON ROTATIF POUR ASPIRATEUR

Publication
EP 4385379 A1 20240619 (EN)

Application
EP 22213880 A 20221215

Priority
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Abstract (en)
A rotating pad holder (10) adapted to hold a textile pad (20) and adapted to be engaged with a driving unit of a wet vacuum cleaner nozzle having a water supply unit (17), wherein the pad holder (10) comprises a first set (11) of openings (15) arranged in a circle, wherein the center of the circle coincides with a rotation axis of the pad holder (10) and an arrangement of ribs (13) for water distribution, wherein a second set (12) of openings (15) is arranged on a circle which radius (R1) is greater than the radius (R2) of the circle on which the first set (11) of openings (15) is located, wherein outer walls (16) of openings (15) of the second set (12) are inclined towards the center of the pad holder (10). The present invention enables a rotating pad holder for vacuum cleaner of construction which facilitates the evenness of water distribution and faster penetration of the water into the pad thanks to which the device is ready for operation very fast. The cleaning results of the device are improved with no production costs increase.

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CPC (source: EP)
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Citation (applicant)
• WO 2021020908 A1 20210204 - LG ELECTRONICS INC [KR]
• EP 3741281 A1 20201125 - LG ELECTRONICS INC [KR]
• WO 2021233055 A1 20211125 - ANHUI DAHAN ROBOT GROUP CO LTD [CN]

Citation (search report)
• [A] US 5587021 A 19961224 - HOERSCH GUIDO [DE], et al
• [A] US 2001042558 A1 20011122 - ROHRBACHER RICHARD D [US], et al
• [AD] WO 2021233055 A1 20211125 - ANHUI DAHAN ROBOT GROUP CO LTD [CN]

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