

Title (en)

CLEANING TOOL WITH A CLEANING ROLLER ROTATABLE AROUND AN AXIS

Title (de)

REINIGUNGSGERÄT MIT EINER UM EINE DREHACHSE ROTIERBAREN REINIGUNGSWALZE

Title (fr)

APPAREIL DE NETTOYAGE AVEC UN ROULEAU DE NETTOYAGE TOURNANT AUTOUR D'UN AXE

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Application

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Abstract (en)

[origin: WO2016206941A1] The invention relates to a cleaning device (1), in particular a floor-cleaning device, comprising a cleaning roller (2) for treating a surface to be cleaned, which cleaning roller can be rotated about an axis of rotation (x). The cleaning roller (2) is designed at least partially as a hollow body (3) having an internal liquid space (4), the hollow body (3) having at least one hollow body opening (5) for liquid to exit the liquid space (4). In order to devise a cleaning device (1) in which liquid is conveyed from the liquid space (4) to the surface of the hollow body (3) under certain conditions only, the hollow body opening (5) is associated with a mechanically actuatable valve element (6) which, depending on the amount of centrifugal force acting upon the valve element (6) as a result of the rotation of the cleaning roller (2), can be moved to a closing position in which the hollow body opening (5) is closed and/or to an open position in which the hollow body opening (5) is exposed.

IPC 8 full level

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