

Title (en)

WET CLEANING APPARATUS WITH A CLEANING ROLLER ROTATABLE AROUND AN AXLE

Title (de)

FEUCHTREINIGUNGSGERÄT MIT EINER UM EINE WALZENACHSE ROTIERBAREN REINIGUNGSWALZE

Title (fr)

APPAREIL DE NETTOYAGE PAR VOIE HUMIDE AVEC UN CYLINDRE DE NETTOYAGE MONTÉ ROTATIF OUTOUR D'UN AXE DE CYLINDRE

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Application

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Abstract (en)

[origin: WO2018001753A1] The invention relates to a wet cleaning device (1), in particular a wet wiping device, having a cleaning roller (3) that is rotatable about a roller axis (2), said cleaning roller having a cleaning covering (4). In order to achieve optimum regeneration of the cleaning roller (3) even when using little liquid, according to the invention, the wet cleaning device (1) has a deceleration element (5) and a guide element (9) for supporting the removal and discharge of liquid and/or dirt from the cleaning roller (3) to a liquid channel (10). The deceleration element (5) has an impact edge (7) in opposite direction to the fibers (6) of the rotating cleaning covering (4), wherein the guide element (9) is arranged in the direction of rotation (r) of the cleaning roller (3) behind the impact edge (7). During a regeneration operation of the wet cleaning device (1), the impact edge (7) is arranged so far apart between the fibers of the cleaning covering (4) that free ends (8) of the fibers (6) project outward in the radial direction beyond the impact edge (7), and in the event of an impact on the impact edge (7), are deflected in the direction of the guide element (9). The invention further relates to a method for operating a wet cleaning device (1).

IPC 8 full level

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