

Title (en)

CLEANING MACHINE COMPRISING A CLEANING HEAD HAVING A TRANSMISSION DEVICE

Title (de)

REINIGUNGSMASCHINE MIT EINEM REINIGUNGSKOPF MIT EINER GETRIEBEEINRICHTUNG

Title (fr)

MACHINE DE NETTOYAGE POURVUE D'UNE TÊTE DE NETTOYAGE POURVUE D'UN ÉQUIPEMENT DE TRANSMISSION

Publication

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Application

**EP 18719541 A 20180420**

Priority

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Abstract (en)

[origin: WO2019201450A1] The invention relates to a cleaning machine having a cleaning head (40), on which at least one cleaning unit is arranged, wherein the at least one cleaning unit (154, 156) comprises: - a drive motor (76) having an input shaft (96), which can be rotated about an input shaft axis of rotation (98); - a cleaning roller shaft (68); - a cleaning roller (64), which is arranged on the cleaning roller shaft (118), and - a transmission device (104), which is coupled for torque transfer to the input shaft (96) and the cleaning roller shaft (114), wherein the input shaft (96) has a first coupling region (102) for the transmission device (104) having a first end face (100), and the cleaning roller shaft (68) comprises a second coupling region (118) for the transmission device (104) having a second end face (116), and wherein the first end face (100) of the input shaft (96) is spaced at a distance in a direction (82) parallel to the input shaft axis of rotation (98) from the second end face (116) of the cleaning roller shaft (114), wherein a geometric step region (158) having a first region (160) and a second region (162) is formed on the cleaning head (40), wherein the second region (162) has a lesser height in a height direction (74) transverse to the input shaft axis of rotation (98) than the first region (160), and the first coupling region (102) is in the first region (160) and the second coupling region (118) is in the second region (162), and wherein the transmission device (104) is designed with multiple stages and bridges a distance between the first coupling region (102) and the second coupling region (118) in the direction (82) parallel to the input shaft axis of rotation (98).

IPC 8 full level

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