

Title (en)

SURFACE CLEANING HEAD AND SURFACE CLEANING DEVICE

Title (de)

FLÄCHENREINIGUNGSKOPF UND FLÄCHENREINIGUNGSVORRICHTUNG

Title (fr)

TÊTE DE NETTOYAGE DE SURFACE ET DISPOSITIF DE NETTOYAGE DE SURFACE

Publication

EP 4285801 A1 20231206 (EN)

Application

EP 22749077 A 20220128

Priority

- CN 202110162832 A 20210205
- CN 202110161044 A 20210205
- CN 202110162831 A 20210205
- CN 202110740007 A 20210630
- CN 202110740700 A 20210630
- CN 202110743377 A 20210630
- CN 202110740073 A 20210630
- CN 202111361556 A 20211117
- CN 2022074502 W 20220128

Abstract (en)

The present application provides a surface cleaning apparatus and a surface cleaning head, the surface cleaning head comprising: a housing; a brush chamber disposed in a front portion of the housing and having a lower opening and a side opening; and a brush assembly removably mounted in the brush chamber comprising a connecting wall, a cleaning roller, and a side brush, the cleaning roller being configured to rotate around a transverse axis driven by a drive device, and the side brush mechanically coupled to the cleaning roller for following the roller in rotation around the transverse axis.

IPC 8 full level

A47L 11/282 (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP US)

A47L 11/185 (2013.01 - US); **A47L 11/282** (2013.01 - EP); **A47L 11/302** (2013.01 - US); **A47L 11/4025** (2013.01 - US); **A47L 11/4041** (2013.01 - EP); **A47L 11/4069** (2013.01 - US); **A47L 11/4083** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4285801 A1 20231206; US 2024081597 A1 20240314; WO 2022166798 A1 20220811

DOCDB simple family (application)

EP 22749077 A 20220128; CN 2022074502 W 20220128; US 202218275071 A 20220128