

Title (en)

SUCTION DEVICE AND SUCTION HOSE FOR SUCH A SUCTION DEVICE

Title (de)

SAUGVORRICHTUNG UND SAUGSCHLAUCH FÜR SOLCH EINE SAUGVORRICHTUNG

Title (fr)

DISPOSITIF D'ASPIRATION ET TUYAU D'ASPIRATION POUR UN TEL DISPOSITIF D'ASPIRATION

Publication

EP 4091514 B1 20230712 (EN)

Application

EP 21175076 A 20210520

Priority

EP 21175076 A 20210520

Abstract (en)

[origin: EP4091515A1] The invention refers to a suction hose (12) adapted for use with a suction device (2), in particular vacuum cleaner or dust extraction system, comprising a radio receiver (28) for receiving radio signals (30). The suction hose (12) comprises a first end (14) adapted to be connected to a suction opening (10) of the suction device (2) and an opposite second end (16) adapted to be connected to an air outlet (18) of a handheld electric or pneumatic power tool (20), and a communication device (32) located at or near the second end (16) of the suction hose (12). The communication device (32) is designed to realise only unidirectional communication from the communication device (32) to the suction device (2).

IPC 8 full level

A47L 7/00 (2006.01); **A47L 9/28** (2006.01)

CPC (source: CN EP US)

A47L 7/0095 (2013.01 - EP US); **A47L 9/242** (2013.01 - US); **A47L 9/2842** (2013.01 - US); **A47L 9/2857** (2013.01 - US);
A47L 9/2894 (2013.01 - EP US); **B24B 41/04** (2013.01 - CN); **B24B 49/00** (2013.01 - CN); **B24B 51/00** (2013.01 - CN);
B24B 55/06 (2013.01 - CN); **B24B 55/12** (2013.01 - CN)

Cited by

EP4342351A1

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

DOCDB simple family (publication)

EP 4091515 A1 20221123; **EP 4091515 B1 20240214**; CN 115383627 A 20221125; CN 115383628 A 20221125; EP 4091514 A1 20221123;
EP 4091514 B1 20230712; EP 4091514 C0 20230712; JP 2022179435 A 20221202; JP 2022179436 A 20221202; US 2022369884 A1 20221124;
US 2022369885 A1 20221124

DOCDB simple family (application)

EP 22159177 A 20220228; CN 202210418230 A 20220420; CN 202210423950 A 20220421; EP 21175076 A 20210520;
JP 2022082238 A 20220519; JP 2022082241 A 20220519; US 202217712322 A 20220404; US 202217735313 A 20220503