

Title (en)

SUCTION HOSE FOR USE WITH A SUCTION DEVICE

Title (de)

SAUGSCHLAUCH ZUR VERWENDUNG MIT EINER SAUGVORRICHTUNG

Title (fr)

TUYAU D'ASPIRATION DESTINÉ À ÊTRE UTILISÉ AVEC UN DISPOSITIF D'ASPIRATION

Publication

**EP 4091515 A1 20221123 (EN)**

Application

**EP 22159177 A 20220228**

Priority

EP 21175076 A 20210520

Abstract (en)

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)

Citation (applicant)

- EP 2628427 A2 20130821 - FESTOOL GROUP GMBH & CO KG [DE]
- EP 1262135 A2 20021204 - VALENTINI GUIDO [IT]
- EP 1997415 A1 20081203 - VALENTINI GUIDO [IT]
- EP 20178759 A 20200608

Citation (search report)

- [AD] EP 2628427 A2 20130821 - FESTOOL GROUP GMBH & CO KG [DE]
- [A] DE 102017131460 A1 20181213 - FESTOOL GMBH [DE]

Designated contracting state (EPC)

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Designated validation state (EPC)

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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

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**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