

Title (en)
VACUUM CLEANER NOZZLE COMBINING A FIRST SUCTION HEAD AND A SECOND SUCTION HEAD

Title (de)
SAUGDÜSE EINES SAUGERS, BEI DER EIN ERSTER SAUGKOPF MIT EINEM ZWEITEN KOMBINIERT IST

Title (fr)
SUCEUR D'ASPIRATEUR COMBINANT UNE PREMIÈRE TÊTE D'ASPIRATION ET UNE DEUXIÈME TÊTE D'ASPIRATION

Publication
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Application
EP 19156544 A 20190211

Priority
FR 1851620 A 20180223

Abstract (en)
[origin: CN110179393A] The invention relates to a vacuum cleaner nozzle (1) designed for moving on a surface to be cleaned, the nozzle (1) comprising a first head (2), the first head (2) comprising a first suction duct (6) connected to a first cleaning opening (7) arranged on a lower surface of the first head. The nozzle (1) comprises a second head (3) extending the first head (2) forward, and the second head (3) comprises a second suction duct (9) connected to a second suction opening (4) arranged on a lower surface of the second head. The nozzle (1) further comprises a distribution device which allows modification of the dust suction distribution between the first suction opening (7) and the second suction opening (4). The invention also relates to a vacuum cleaner equipped with the nozzle (1).

IPC 8 full level
A47L 9/02 (2006.01)

CPC (source: CN EP)
A47L 9/02 (2013.01 - CN EP); **A47L 9/242** (2013.01 - CN)

Citation (opposition)
Opponent : Elkington and Fife LLP

- WO 2015052425 A1 20150416 - SEB SA [FR]
- EP 2014212 A1 20090114 - VORWERK CO INTERHOLDING [DE]
- US 2649610 A 19530825 - SEGESMAN LOUIS E
- CN 204931572 U 20160106 - PANASONIC HOME APPLIANCES R&D CENTER (HANGZHOU) CO LTD
- US 2005091782 A1 20050505 - GORDON EVAN A [US], et al
- CN 104706277 A 20150617 - SUZHOU DELAI ELECTRICAL APPLIANCE CO LTD
- WO 2016202610 A1 20161222 - VORWERK CO INTERHOLDING [DE]
- US 4653137 A 19870331 - FLEISCHHAUER EUGENE [US]
- US 2011010890 A1 20110120 - DIMBYLOW STEPHEN ROBERT [GB], et al
- ANONYMOUS: "Clean & steam vacuums and cleans floors in one go", GROUPE SEB, 3 December 2021 (2021-12-03), pages 1 - 4, XP055806977
- ANONYMOUS: "An excellent year WMF off to a promising start as a group company", GROUPE SEB, 23 January 2018 (2018-01-23), pages 1 - 11, XP055806986

Cited by
EP3967197A1; FR3113822A1

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