

Title (en)
Vacuum cleaner nozzle

Title (de)
Vacuum cleaner nozzle

Title (fr)
Suceur d'aspirateur

Publication
EP 1925247 B2 20210721 (FR)

Application
EP 07356168 A 20071119

Priority
FR 0610265 A 20061123

Abstract (en)
[origin: EP1925247A1] The nozzle has aspiration ducts (13, 14) arranged in a soleplate of the nozzle and connected to an aspiration tube (22) i.e. flexible hose, by a connection zone (24). The aspiration tube is connected to a vacuum cleaner and is linked to the connection zone delimited by walls (240, 242). A radius of curvature of the walls is greater than 20 millimeters, and an opening (16) is formed in the soleplate of the nozzle. The connection zone is determined by a dome shaped upper part and a lower part that is obtained from the soleplate of the nozzle.

IPC 8 full level
A47L 9/02 (2006.01); **A47L 9/00** (2006.01); **A47L 9/24** (2006.01)

CPC (source: EP)
A47L 9/0081 (2013.01); **A47L 9/02** (2013.01); **A47L 9/242** (2013.01)

Citation (opposition)

- Opponent :
- RU 1 U1 19940625
 - WO 2005074778 A1 20050818 - ELECTROLUX AB [SE], et al
 - EP 1520503 A1 20050406 - SEB SA [FR]
 - US 2235226 A 19410318 - EINAR LOFGREN GUSTAF, et al
 - FR 2871046 A1 20051209 - SEB SA [FR]
 - DE 19624360 A1 19980102 - WESSEL WERK GMBH [DE]
 - GB 2346076 A 20000802 - NUMATIC INT LTD [GB]
 - FR 2860413 A1 20050408 - SEB SA [FR]
 - US 6510584 B2 20030128 - VYSTRcil ROBERT A [US], et al
 - US 5189757 A 19930302 - WILLIAMS WILLIAM H [US], et al

Cited by
CN105072964A; KR20150135404A; EP2457481A1; FR2967883A1; US11937762B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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EP 1925247 A1 20080528; EP 1925247 B1 20150708; EP 1925247 B2 20210721; FR 2908972 A1 20080530; FR 2908972 B1 20101105

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