

Title (en)
Vacuum cleaner nozzle

Title (de)
Staubsaugerdüse

Title (fr)
Suceur pour aspirateur de poussières

Publication
EP 0623304 B1 19980121 (FR)

Application
EP 94106832 A 19940502

Priority
FR 9305389 A 19930505

Abstract (en)
[origin: EP0623304A1] Nozzle comprising: a sole (3) comprising a duct (11) opening out on the front border (12); a moveable plate (8) carrying a guard (9); a device (20) for adjusting the height of the plate (8); a first spring return device (10) applied to the top of the plate (8); and at least one wheel (16, 17) on which said sole (3) is supported. According to the invention, the sole (3) is mounted in such a way that it can be moved in terms of height in opposition to a second spring return device (29) relative to a pin (30) that carries means (31, 32) providing support on the floor, the adjustment device (20) acting on said pin (30) to give a combined movement of the pin (30) and the sole (3) and defining two positions in which either the front border (12) of the sole (3) occupies a raised position and the guard (9) plate (8) occupies a lowered position, or the front border (12) of the sole (3) occupies a lowered position and the guard (9) plate (8) occupies a raised position. <IMAGE>

IPC 1-7
A47L 9/02

IPC 8 full level
A47L 9/02 (2006.01)

CPC (source: EP)
A47L 9/02 (2013.01)

Cited by
WO2007026001A1; EP0793938A3; US8789235B2; EP2433538A1; FR2965165A1; CN102415854A; WO2007026005A1; EP2433538B1

Designated contracting state (EPC)
DE ES GB NL SE

DOCDB simple family (publication)
EP 0623304 A1 19941109; EP 0623304 B1 19980121; DE 69408026 D1 19980226; DE 69408026 T2 19980520; ES 2111794 T3 19980316; FR 2704740 A1 19941110; FR 2704740 B1 19951110

DOCDB simple family (application)
EP 94106832 A 19940502; DE 69408026 T 19940502; ES 94106832 T 19940502; FR 9305389 A 19930505