

Title (en)
VACUUM CLEANER NOZZLE WITH SCRAPER BLADE

Title (de)
STAUBSAUGERMUNDSTÜCK MIT ABSTREIFLEISTE

Title (fr)
SUCEUR D'ASPIRATEUR A LAME DE RACLAGE

Publication
EP 1173085 B1 20030326 (FR)

Application
EP 00920833 A 20000418

Priority
• FR 0001009 W 20000418
• FR 9905618 A 19990429

Abstract (en)
[origin: WO0065979A1] The invention concerns a vacuum cleaner nozzle comprising at least a flow channel (4a, 4b) substantially transverse to the forward moving direction of the nozzle (24), open towards the surface to be cleaned, and in ventilating connection with a suction channel (2). The invention is characterised in that at least a scraper blade (9b) in contact with the floor to be cleaned is arranged parallel to the channel (4A, 4B) and adjacent thereto. Furthermore, closure means (9a) of the channel (4A, 4B) produce an opening of the channel when the nozzle is moved in a direction wherein the scraper blade is upstream of the channel and a closure of the channel when the nozzle is moved in the opposite direction.

IPC 1-7
A47L 9/06; **A47L 9/02**

IPC 8 full level
A47L 9/02 (2006.01); **A47L 9/06** (2006.01)

CPC (source: EP KR)
A47L 9/02 (2013.01 - EP KR); **A47L 9/06** (2013.01 - EP); **A47L 9/0626** (2013.01 - EP); **A47L 9/0666** (2013.01 - EP)

Cited by
KR20140146423A; US10307028B2; WO2018160798A1; US11596284B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0065979 A1 20001109; AT E235182 T1 20030415; AU 4125900 A 20001117; CN 1351477 A 20020529; DE 60001818 D1 20030430; DE 60001818 T2 20031211; EP 1173085 A1 20020123; EP 1173085 B1 20030326; FR 2792817 A1 20001103; FR 2792817 B1 20010629; HK 1045448 A1 20021129; KR 20020021092 A 20020318; TR 200103089 T2 20020521

DOCDB simple family (application)
FR 0001009 W 20000418; AT 00920833 T 20000418; AU 4125900 A 20000418; CN 00806898 A 20000418; DE 60001818 T 20000418; EP 00920833 A 20000418; FR 9905618 A 19990429; HK 02107081 A 20020926; KR 20017013867 A 20011029; TR 200103089 T 20000418