Title (en)

APPARATUS FOR REMOVING DIRT FROM ROADS OR LIKE SURFACES BY MEANS OF A SUCTION AIR STREAM

Publication

EP 0019192 B1 19830615 (DE)

Application

EP 80102458 A 19800506

Priority

- DE 2918759 A 19790509
- DE 2918760 A 19790509

Abstract (en)

[origin: US4395794A] A vacuum cleaner intake device formed of a V-shaped housing widening in the direction of working. The housing has a funnel shape nozzle, a fitting at the apex of the nozzle for connection to a source of suction and a pair of arms extending in a V-shape respectively forwardly and laterally of the nozzle. A pair of side walls are provided each having a skid at its lower edge elevating said housing above the floor. A hood covers and defines with the arms and the side walls a collection chamber open at the forward and rear edges. Each of the arms are provided on their bottom surface with a pair of spaced battens defining between them an elongated suction groove open to the collection chamber and extending outwardly through the side wall.

IPC 1-7

E01H 1/08

IPC 8 full level

A47L 9/02 (2006.01); **E01H 1/08** (2006.01)

CPC (source: EP US)

A47L 9/02 (2013.01 - EP US)

Citation (examination)

GB 1530904 A 19781101 - HAMMERSLEY D

Cited by

DE102015108051B4; CN104146659A; CN105568916A; EP0238213A3; CN104775382A; CN108301363A; DE102015108051A1; DE102015108052A1; DE102015108052B4; WO8701404A1; EP1810603B1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0019192 A1 19801126; **EP 0019192 B1 19830615**; CA 1155258 A 19831018; CH 647288 A5 19850115; DE 3063752 D1 19830721; FR 2456165 A1 19801205; FR 2456165 B1 19830923; GB 2050474 A 19810107; GB 2050474 B 19830817; SE 448417 B 19870223; SE 8003165 L 19801110; US 4395794 A 19830802; YU 124780 A 19830228; YU 41005 B 19861031

DOCDB simple family (application)

EP 80102458 A 19800506; CA 351402 A 19800507; CH 362180 A 19800508; DE 3063752 T 19800506; FR 8010295 A 19800508; GB 8014960 A 19800506; SE 8003165 A 19800425; US 14821080 A 19800508; YU 124780 A 19800509