

Title (en)
Suction device

Title (de)
Saugvorrichtung

Title (fr)
Dispositif d'aspiration

Publication
EP 0813838 A3 19990203 (DE)

Application
EP 97109437 A 19970611

Priority
DE 29610752 U 19960619

Abstract (en)
[origin: EP0813838A2] The suction device has at least one air suction and outlet opening located in a transporting pipe, in which an injector nozzle opens. An impeller (19) located in a blower chamber also acts as a size reduction tool (18). The impeller is located in the pipe (2) behind the air outlet opening (6) when viewed in the direction of air suction flow (37). A closure flap (10) is located in the pipe prior to the air outlet, which closes the air outlet in one end position and the connection to the impeller at the other end position. This closure flap is positioned between the air outlet and the impeller.

IPC 1-7
A47L 5/14

IPC 8 full level
A47L 5/14 (2006.01); **A47L 5/24** (2006.01); **F04D 17/16** (2006.01)

CPC (source: EP)
A47L 5/14 (2013.01); **A47L 5/24** (2013.01); **F04D 17/16** (2013.01)

Citation (search report)

- [A] DE 4425863 A1 19950302 - SCHOETTLE KG ELECTROSTAR [DE]
- [A] DE 29519900 U1 19960208 - SCHOETTLE KG ELECTROSTAR [DE]
- [T] EP 0792578 A2 19970903 - VALEX SRL [IT]
- [T] WO 9730620 A1 19970828 - RYOBI LTD [JP], et al

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CN107708405A; US2016296088A1; US9874225B2; US11067087B2; US12082535B2

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

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