

Title (en)
SUCTION NOZZLE

Publication
EP 0233964 B1 19900606 (DE)

Application
EP 86101978 A 19860217

Priority
DE 3435661 A 19840928

Abstract (en)
[origin: US4677705A] An exhauster nozzle for cleaning surfaces is described, which consists of a nozzle element which encloses a suction chamber and is provided with a connecting suction pipe. The open side of the nozzle element is closed by an adapter plate made of metal or plastic and exhibiting a suction orifice. A plurality of axially juxtaposed and mutually merging substantially circular or oval chambers are provided on the outside of the adapter plate, into which chambers obliquely oriented air supply ducts starting from the edges of the adapter plate lead tangentially. At least some of the chambers are open relative to the suction chamber of the nozzle element and form the suction orifice in the adapter plate. The remaining chambers are preferably closed relative to the suction chamber by a bottom plate.

IPC 1-7
A47L 9/02

IPC 8 full level
A47L 9/02 (2006.01)

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

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
DE 3435661 A1 19860403; AU 5404786 A 19870827; AU 578140 B2 19881013; EP 0233964 A1 19870902; EP 0233964 B1 19900606; US 4677705 A 19870707

DOCDB simple family (application)
DE 3435661 A 19840928; AU 5404786 A 19860225; EP 86101978 A 19860217; US 83997286 A 19860317