

Title (en)
SURFACE CLEANING APPLIANCE

Publication
EP 0217834 B1 19920729 (DE)

Application
EP 86901771 A 19860411

Priority
• CH 154985 A 19850411
• CH 345485 A 19850812

Abstract (en)
[origin: US4751759A] The appliance is intended to remove dust from solid objects and comprises an ionization device (7) which is operatively associated with an incorporated air nozzle (1), which has an obliquely arranged, narrow, linear blowing slot (2) which serves to produce an air jet which sweeps over the surface to be cleaned at high velocity. The ionization device (7) produces positive as well as negative ions in the laminar air jet in order to neutralize the electrostatically-charged dust particles. An air suction nozzle (3) with a corresponding suction slot (4) is arranged at a short distance from the blowing slot (2) and is operatively associated with a flat brush (5) projecting from the appliance, which serves as a baffle, determining the distance of the appliance from the surface to be cleaned, limiting the gap enclosing the laminar air jet and, to a large extent preventing sucking-in of the surrounding air. This arrangement is designed as a portable and industrial cleaning appliance.

IPC 1-7
A47L 5/14; **A47L 9/08**; **A47L 13/40**; **B08B 6/00**; **B44D 3/16**

IPC 8 full level
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CPC (source: EP US)
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