

Title (en)  
DRY VACUUM CLEANING MACHINE FOR FLOORS

Publication  
**EP 0017519 A3 19810513 (FR)**

Application  
**EP 80400297 A 19800304**

Priority  
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Abstract (en)  
[origin: EP0017519A2] 1. A machine of the dry vacuum type suitable for the cleaning of floors and other surfaces. Composed of a frame (1) mounted on rollers (3) and therefore mobile and a vacuum compartment (6) which is connected to the vacuum pump motor (4). The vacuum compartment comprises a vertical tank with cover (7) and a hose (11) linking vacuum compartment and suction foot. An elbow connector (9) joins the hose to the upper part of the vacuum compartment. The hose is fixed in place in the tank and is directed towards the base. The lining of the bag (12) intercepts the flow of liquid as it is sucked in and has been designed to remain detached from the tank walls. The elbow connector nozzle (10) is angled obliquely to the tank axis on to one of the generators and at a tangent to the inner tank wall. The tank cover (7) has a spherical cup shape. This design causes the inflow of dirty liquid to adopt a vortical motion preventing particles from setting in the bag lining, the heaviest falling to the bottom of the bag.

IPC 1-7  
**A47L 11/30**; **A47L 7/00**; **A47L 9/10**; **A47L 9/00**; **A47L 11/14**

IPC 8 full level  
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