

Title (en)  
VACUUM CLEANER WITH A SUCTION TUBE

Publication  
**EP 0288742 A3 19890426 (DE)**

Application  
**EP 88104714 A 19880324**

Priority  
DE 3713885 A 19870425

Abstract (en)  
[origin: EP0288742A2] Provided for a vacuum cleaner with a suction tube is a rotary coupling with a connection nozzle (8) of the suction tube and a connection sleeve (5) provided in the equipment housing. The connection nozzle (8) is inserted rotatably in the connection sleeve (5), at least one electrical slip ring surface (9) being arranged on the connection nozzle (8) and at least one counter-contact (7) being arranged on the connection sleeve (5). In order to achieve a simple construction, the slip ring surface (9) is arranged on the outside shell surface of the connection nozzle (8) and the counter-contact (7) on the inside shell surface (6) of the connection sleeve (5). The axis of the connection sleeve (5) or of the connection nozzle (8) is directed upwards at an acute angle in the operating position and in the main direction (4) of movement of the equipment housing.  
<IMAGE>

IPC 1-7  
**A47L 9/24**

IPC 8 full level  
**A47L 9/24** (2006.01)

CPC (source: EP)  
**A47L 9/246** (2013.01)

Citation (search report)

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- [A] DE 1728486 B2 19761125

Cited by  
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DE FR NL SE

DOCDB simple family (publication)  
**EP 0288742 A2 19881102; EP 0288742 A3 19890426**; DE 3713885 A1 19881117

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