

Title (en)  
SELF-EVACUATING VACUUM CLEANER

Title (de)  
SELBSTENTLEERENDER STAUBSAUGER

Title (fr)  
ASPIRATEUR A VIDAGE AUTOMATIQUE

Publication  
**EP 1006855 B1 20020515 (EN)**

Application  
**EP 98903462 A 19980114**

Priority

- US 9800597 W 19980114
- US 78424897 A 19970115
- US 80233397 A 19970211

Abstract (en)  
[origin: WO9831270A1] A vacuum cleaner has an electric motor driving an air impeller (74) for creating suction and a pump (120) which draws liquid material through an inlet tube (310) from the bottom of a tank (32) and expels it from the tank. The vacuum cleaner also includes a mechanical shut-off and override assembly that automatically shuts off the motor if the liquid level in the tank gets too high. The user, however, can mechanically override this automatic shut-off in order to continue pumping liquid out of the tank. A priming apparatus is disposed in the tank in fluid communication with the pump, and a valve (58) is selectively actuatable to establish a pressure differential across liquid in the priming apparatus to thereby prime the pump (120).

IPC 1-7  
**A47L 7/00**

IPC 8 full level  
**A47L 7/00** (2006.01); **A47L 11/30** (2006.01)

CPC (source: EP)  
**A47L 7/0028** (2013.01); **A47L 7/0038** (2013.01); **A47L 7/0042** (2013.01); **A47L 11/30** (2013.01); **A47L 11/4019** (2013.01); **A47L 11/4025** (2013.01); **A47L 11/4027** (2013.01); **A47L 11/4044** (2013.01); **A47L 11/4069** (2013.01); **A47L 11/4077** (2013.01)

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 9831270 A1 19980723**; AU 6022898 A 19980807; AU 724121 B2 20000914; BR 9806904 A 20000516; CA 2275412 A1 19980723; CA 2275412 C 20050412; CN 1130159 C 20031210; CN 1243422 A 20000202; DE 69805419 D1 20020620; DE 69805419 T2 20030213; EP 1006855 A1 20000614; EP 1006855 B1 20020515; HK 1023709 A1 20000922

DOCDB simple family (application)  
**US 9800597 W 19980114**; AU 6022898 A 19980114; BR 9806904 A 19980114; CA 2275412 A 19980114; CN 98801660 A 19980114; DE 69805419 T 19980114; EP 98903462 A 19980114; HK 00102847 A 20000512