

Title (en)
ULTRA QUIET VACUUM CLEANER

Title (de)
ULTRA-LÄRMARMER STAUBSAUGER

Title (fr)
ASPIRATEUR ULTRA SILENCIEUX

Publication
EP 0683639 B1 20000531 (EN)

Application
EP 94907955 A 19940208

Priority
• US 9401190 W 19940208
• US 1510093 A 19930209

Abstract (en)
[origin: WO9417719A1] An ultra-quiet vacuum cleaner system having an active noise controller (26) adapted to measure with microphones (28), (29) the noise generated by the system and to provide via a speaker (27) an equal counter-noise to thereby attenuate the generated noise. The system also includes designing the coupling (22) between the bag cavity (20) and the motor chamber (23) and the motor chamber (23) itself as structures for reducing noise.

IPC 1-7
A47L 9/00

IPC 8 full level
A47L 9/00 (2006.01)

CPC (source: EP)
A47L 9/0081 (2013.01)

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
WO 9417719 A1 19940818; DE 69424772 D1 20000706; DE 69424772 T2 20001116; EP 0683639 A1 19951129; EP 0683639 A4 19960327; EP 0683639 B1 20000531; JP 2887354 B2 19990426; JP H08502916 A 19960402

DOCDB simple family (application)
US 9401190 W 19940208; DE 69424772 T 19940208; EP 94907955 A 19940208; JP 51818994 A 19940208