

Title (en)  
Device for floor treating machines

Title (de)  
Vorrichtung für Bodenpflegegeräte

Title (fr)  
Dispositif pour appareils d'entretien de sols

Publication  
**EP 0727171 B1 20010124 (DE)**

Application  
**EP 95117890 A 19951114**

Priority  
DE 19505106 A 19950216

Abstract (en)  
[origin: EP0727171A2] The floor cleaner has a brush roller (6) with its motor (8) and toothed belt drive (7) which is installed in an adjustable inner part (4) of the housing (1) where a vacuum space (5) is formed. The entire inner part is pivotable about an axis (10) and its trailing end is held up by a tension spring (11). The vacuum space is sealed at its leading end by a forward moulding (13). A rearward moulding (14) directly beneath the pivot axis is convex so that the suction is maintained irrespective of the pivoting of the brush roller.

IPC 1-7  
**A47L 9/04**

IPC 8 full level  
**A47L 9/04** (2006.01)

CPC (source: EP US)  
**A47L 9/0411** (2013.01 - EP US); **A47L 9/0444** (2013.01 - EP US)

Cited by  
US6591447B2; US7290308B2; DE102007036227B4; CN100370939C; EP2116165A3; DE102007036155B4; DE102007036156B4; GB2357691A; GB2357691B; EP0803224A3; DE102007036227A1; WO0021427A1; WO0021426A1; WO9927834A1; DE102007036155A1; DE102007036156A1; EP1075816B1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0727171 A2 19960821; EP 0727171 A3 19980722; EP 0727171 B1 20010124**; CA 2169591 A1 19960817; CA 2169591 C 20040113; DE 19505106 A1 19960822; DE 19505106 C2 19970417; DE 59508991 D1 20010301; US 5819370 A 19981013

DOCDB simple family (application)  
**EP 95117890 A 19951114**; CA 2169591 A 19960215; DE 19505106 A 19950216; DE 59508991 T 19951114; US 60134996 A 19960216