

Title (en)  
Floor cleaning device

Title (de)  
Reinigungsvorrichtung für die Bodenreinigung

Title (fr)  
Machine de nettoyage du sol

Publication  
**EP 0595007 B1 19970611 (DE)**

Application  
**EP 93114813 A 19930915**

Priority  
DE 4236030 A 19921024

Abstract (en)  
[origin: EP0595007A1] In order, in the case of a floor cleaning device (10) having a mobile frame (12) and at least one cleaning tool (40), which engages on a floor surface, is rotatable, picks up dirt and/or rubbish from the floor surface (26) and transports it to a collecting container, and also having a drive element for rotating the cleaning tool, to achieve a cleaning of floor surfaces rendered unclean by coarse pieces of dirt or rubbish (64) which entails neither rapid wear of the cleaning tools nor high power consumption of the drive element, it is proposed that there be arranged, in the movement direction of the cleaning device in front of the first cleaning tool, a sweeping roller (52) which is held at a distance from the floor surface and sweeps coarse pieces of dirt and rubbish from the floor surface and whose axis of rotation is positioned substantially transversely to the movement direction of the cleaning device and approximately parallel to the floor surface. <IMAGE>

IPC 1-7  
**A47L 11/30**

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

CPC (source: EP)  
**A47L 11/30** (2013.01); **A47L 11/4041** (2013.01); **A47L 11/4069** (2013.01)

Cited by  
CN114668337A; EP4275570A1

Designated contracting state (EPC)  
DE DK FR GB IT

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**EP 0595007 A1 19940504; EP 0595007 B1 19970611**; DE 4236030 A1 19940428; DE 59306730 D1 19970717

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