

Title (en)  
AUTOMATED SYSTEM FOR CLEANING A BUILDING

Title (de)  
AUTOMATISIERTES SYSTEM ZUR REINIGUNG EINES GEBÄUDES

Title (fr)  
SYSTÈME AUTOMATIQUE DE NETTOYAGE DE LOCAUX

Publication  
**EP 2617338 A4 20140820 (EN)**

Application  
**EP 11825510 A 20110602**

Priority  

- RU 2010138047 A 20100914
- RU 2010138171 A 20100915
- RU 2011000382 W 20110602

Abstract (en)  
[origin: EP2617338A1] The present invention relates to the construction of automatic room cleaning systems equipped with a parking module. A parking module and an automatic room cleaning system that comprises a robotic vacuum cleaner, a charging station, a control system and a parking module are provided. The parking module comprises a case that can accommodate at least the robotic vacuum cleaner, and a front cover with a controlled drive mechanism that opens and closes the said front cover. The provided parking module and its construction improve the ergonomics of the automatic room cleaning system, save the interior space in the room while preserving its appearance, and prevent undesirable contact of children and pets with the complex, expensive robotic equipment.

IPC 8 full level  
**A47B 95/00** (2006.01); **A47L 9/00** (2006.01)

CPC (source: EP)  
**A47L 9/009** (2013.01); **A47L 2201/00** (2013.01); **A47L 2201/02** (2013.01); **A47L 2201/022** (2013.01)

Citation (search report)  

- [XA] BG 1353 U1 20100831 - GEORGIEV VALENTIN [BG]
- [A] US 5377106 A 19941227 - DRUNK GERHARD [DE], et al
- [A] WO 2004004534 A1 20040115 - KAERCHER GMBH & CO KG ALFRED [DE], et al
- [A] US 2006087273 A1 20060427 - KO JANG-YOUN [KR], et al
- [A] DE 202005015610 U1 20051215 - ALNO AG [DE]
- [A] GB 2337695 A 19991201 - UNIV SHEFFIELD [GB], et al
- See references of WO 2012036586A1

Cited by  
DE102014111868A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2617338 A1 20130724; EP 2617338 A4 20140820; WO 2012036586 A1 20120322**

DOCDB simple family (application)  
**EP 11825510 A 20110602; RU 2011000382 W 20110602**