

Title (en)  
SELF-PROPELLED CLEANING MACHINE

Title (de)  
SELBSTFAHRENDE REINIGUNGSMASCHINE

Title (fr)  
MACHINE DE NETTOYAGE AUTOPROPULSÉE

Publication  
**EP 4321077 A1 20240214 (EN)**

Application  
**EP 23161188 A 20230310**

Priority  
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Abstract (en)  
The present invention discloses a self-propelled cleaning machine including a base, a walking module, a lift module, a cleaning device and a reciprocating device. The lift module includes a lift seat, which is provided below the base and is configured to move up and down relative to the base for the lift seat to approach or depart from the base. The reciprocating device is connected to the cleaning device. At least a portion of the reciprocating device is configured to be connected to the lift seat of the lift module, so that the at least a portion of the reciprocating device moves up and down along with up-and-down movements of the lift seat. Moreover, the reciprocating device is configured to enable the cleaning device to perform a reciprocating motion relative to the lift seat in a mopping mode to thereby mop the floor back and forth.

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Citation (applicant)  
• CN 112842174 A 20210528 - SHENZHEN PUREH2B LIFE TECH CO LTD  
• CN 107510417 A 20171226 - HOBOT TECH CO LTD

Citation (search report)  
• [XA] CN 216569771 U 20220524 - SHENZHEN TSUCHUAN ROBOT LTD COMPANY  
• [XAI] CN 113693497 A 20211126 - BEIJING ROBOROCK TECH CO LTD  
• [XA] CN 114795009 A 20220729 - WUXI ROIDMI INF TECH CO LTD  
• [XA] CN 216364940 U 20220426 - SUZHOU LEYTT INTELLIGENT TECH CO LTD

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