

Title (en)  
MOBILE ROBOT

Title (de)  
MOBILER ROBOTER

Title (fr)  
ROBOT MOBILE

Publication  
**EP 4005749 A4 20231004 (EN)**

Application  
**EP 20847440 A 20200129**

Priority  

- KR 20190093483 A 20190731
- KR 20190093478 A 20190731
- KR 20190176621 A 20191227
- KR 2020001352 W 20200129

Abstract (en)  
[origin: EP4005749A1] The present disclosure discloses a mobile robot comprising a body; a mop module for include ng a left rotating plate rotatably installed on the body and having a water supply space, and a right rotating plate rotatably installed on the body and having the water supply space; a water distribution module for distributing and supplying water to the water supply space of the left rotating plate and the water supply space of the right rotating plate; and a water supply module for supplying water to the water distribution module, wherein the water distribution module includes, a water-supply counterpart portion connected to the water supply module to receive water; a left water supply distribution pipe connected to the water-supply counterpart portion to supply water from the water-supply counterpart portion to the water supply space of the left rotating plate; and a right water distribution pipe connected to the water-supply counterpart portion to supply the water of the water-supply counterpart portion to the water supply space of the right rotating plate, wherein the length of the left water distribution pipe is the same as the length of the right water distribution pipe.

IPC 8 full level  
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CPC (source: EP)  
**A47L 11/164** (2013.01); **A47L 11/24** (2013.01); **A47L 11/4038** (2013.01); **A47L 11/4041** (2013.01); **A47L 11/4066** (2013.01); **A47L 11/4069** (2013.01); **A47L 11/4083** (2013.01); **A47L 11/4088** (2013.01); **A47L 2201/00** (2013.01)

Citation (search report)  

- [XA] US 2019038106 A1 20190207 - JANG JAEWON [KR], et al
- [A] EP 3440979 A1 20190213 - LG ELECTRONICS INC [KR]
- [A] EP 3440980 A1 20190213 - LG ELECTRONICS INC [KR]
- See references of WO 2021020676A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 4005749 A1 20220601**; **EP 4005749 A4 20231004**; CN 114174013 A 20220311; CN 114174013 B 20240105

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