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- (81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT,

(54) Title: FLOOR MOPPING MACHINE AND CLEANING DOCK FOR FLOOR MOPPING MACHINE

(54) 发明名称: 擦地机及擦地机清洁坞

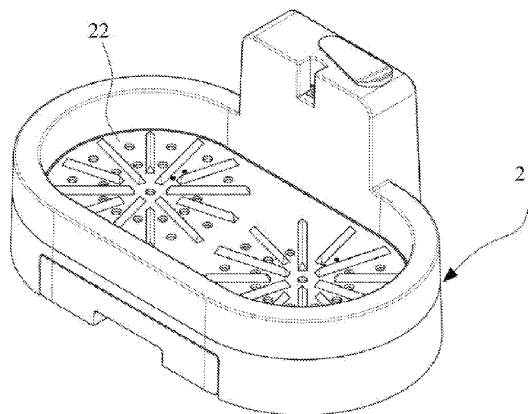


图 1

(57) Abstract: A floor mopping machine (32, 52, 82) and a cleaning dock (640, 740) for a floor mopping machine. The cleaning dock (640, 740) comprises: a dock body (11, 21, 310, 41, 51, 644, 744, 81) provided with a water replenishment tank (1120, 2120, 412, 512, 8121, 8122) for containing a liquid; a cleaning plate (12, 311, 42, 54, 643, 743, 84) mounted on the dock body (11, 21, 310, 41, 51, 644, 744, 81) and configured to clean cleaning cloth (323, 523, 6161, 7161, 823) of a floor mopping machine; a water supply assembly configured to guide a liquid from a water tank (321, 521, 621, 721, 821) mounted on the floor mopping machine (32, 52, 82) to the cleaning plate (12, 311, 42, 54, 643, 743, 84), so as to wet the cleaning cloth (323, 523, 6161, 7161, 823) to be cleaned of the floor mopping machine; and a water replenishment assembly configured to replenish the liquid from the water replenishment tank (1120, 2120, 412, 512, 8121, 8122) to the water tank (321, 521, 621, 721, 821) of the floor mopping machine. Firstly, the cleaning dock (640, 740) can provide an accommodating function for the floor mopping machine (32, 52, 82); secondly, the cleaning dock (640,

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JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK,
LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX,
MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL,
PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL,
ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
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(84) 指定国(除另有指明, 要求每一种可提供的地区
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NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), 欧亚 (AM,
AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (AL, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT,
RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI,
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740) can continuously supply power to a battery in the floor mopping machine (32, 52, 82), and detect whether the floor mopping machine (32, 52, 82) is installed in place on the dock body (11, 21, 310, 41, 51, 644, 744, 81); again, the cleaning dock (640, 740) can automatically replenish water to the water tank (321, 521, 621, 721, 821) of the floor mopping machine according to water level information in the water tank (321, 521, 621, 721, 821) of the floor mopping machine; and finally the cleaning dock (640, 740) can perform, on the cleaning plate (12, 311, 42, 54, 643, 743, 84), friction washing with water on the cleaning cloth (323, 523, 6161, 7161, 823) of the floor mopping machine according to user requirements.

(57) 摘要: 一种擦地机(32, 52, 82)及擦地机清洁坞(640, 740), 清洁坞(640, 740)包括: 坞体(11, 21, 310, 41, 51, 644, 744, 81), 具有一用于盛装液体的补水箱(1120, 2120, 412, 512, 8121, 8122); 清洁板(12, 311, 42, 54, 643, 743, 84), 安装在坞体(11, 21, 310, 41, 51, 644, 744, 81)上, 用于清洁擦地机抹布(323, 523, 6161, 7161, 823); 供水组件, 用于从安装在擦地机(32, 52, 82)上的擦地机水箱(321, 521, 621, 721, 821)中向清洁板(12, 311, 42, 54, 643, 743, 84)上导送液体, 以润湿待清洁的擦地机抹布(323, 523, 6161, 7161, 823); 以及补水组件, 用于从补水箱(1120, 2120, 412, 512, 8121, 8122)中向擦地机水箱(321, 521, 621, 721, 821)中补充液体。首先, 该清洁坞(640, 740)能够为擦地机(32, 52, 82)提供收纳的功能; 其次, 该清洁坞(640, 740)能够对擦地机(32, 52, 82)中的电池持续地补充电量, 且能够检测擦地机(32, 52, 82)是否在坞体(11, 21, 310, 41, 51, 644, 744, 81)上安装到位; 再次, 该清洁坞(640, 740)能够根据擦地机水箱(321, 521, 621, 721, 821)内的水位信息自动地对擦地机水箱(321, 521, 621, 721, 821)进行补水; 最后, 该清洁坞(640, 740)能够根据用户需求, 在清洁板(12, 311, 42, 54, 643, 743, 84)上对擦地机抹布(323, 523, 6161, 7161, 823)进行带水摩擦洗涤。