

Title (en)  
MOP CLEANING BUCKET FOR DEHYDRATING AND CLEANING A MOP WITH WATER BY CIRCULATING AND PURIFYING SEWAGE

Title (de)  
WISCHMOPP-REINIGUNGSEIMER ZUR ENTWÄSSERUNG UND REINIGUNG EINES WISCHMOPPS MIT WASSER DURCH UMWÄLZUNG UND REINIGUNG VON ABWASSER

Title (fr)  
SEAU DE NETTOYAGE DE SERPILLIÈRE POUR DÉSHYDRATER ET NETTOYER UNE SERPILLIÈRE AVEC DE L'EAU EN FAISANT CIRCULER ET EN PURIFIANT LES EAUX USÉES

Publication  
**EP 4183305 A1 20230524 (EN)**

Application  
**EP 21211910 A 20211202**

Priority  
TW 110213763 U 20211119

Abstract (en)  
A mop cleaning bucket with dehydrating and cleaning a mop with water by circulating and purifying sewage includes an outer bucket, an inner bucket, a water-drawing member and a filter element. The inner bucket is arranged in the outer bucket. The outer bucket has a positioning shaft and the water-drawing member is arranged on the positioning shaft and extends to a through hole of the inner bucket. The filter element is arranged at an outlet of the inner bucket. The outer has a first receiving space formed thereinside for receiving the water-drawing member and cleaning water, and the water-drawing member has a second receiving space formed thereinside and fluidly communicated with the first receiving space to form a clean-water area. The inner bucket has a sewage area fluidly communicated with the clean-water area through the outlet. The filter element is arranged at the outlet of the sewage area fluidly communicated with the clean-water area. The water-drawing member draws water from the clean-water area to clean a mop cloth disc and then sewage is formed, the sewage is flowed to the outlet by an inclined surface of the inner bucket and purified by the filter element to form a clean water and remain in the clean-water area, and a cycling mop cleaning bucket with repeating filtering sewage and obtaining the clean water is formed.

IPC 8 full level  
**A47L 13/58** (2006.01)

CPC (source: EP)  
**A47L 13/58** (2013.01)

Citation (search report)  
• [XY] WO 2021007993 A1 20210121 - LI WEI [CN], et al  
• [Y] US 2021076895 A1 20210318 - HE MIN [CN], et al  
• [A] US 4798307 A 19890117 - EVRARD WILLIAM E [US]

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

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BA ME

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KH MA MD TN

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