

Title (en)

MOP HOLDER, RELEASE DEVICE AND SYSTEM

Title (de)

MOPPHALTER, LÖSEVORRICHTUNG UND SYSTEM

Title (fr)

SUPPORTS POUR BALAIS À FRANGES, DISPOSITIF DE DÉENGAGEMENT ET SYSTÈME

Publication

**EP 3318169 A3 20180620 (DE)**

Application

**EP 17200149 A 20171106**

Priority

DE 102016121266 A 20161107

IPC 8 full level

**A47L 13/44** (2006.01); **A47L 13/256** (2006.01); **A47L 13/258** (2006.01); **A47L 13/50** (2006.01); **A47L 13/51** (2006.01)

CPC (source: EP)

**A47L 13/258** (2013.01); **A47L 13/44** (2013.01); **A47L 13/50** (2013.01); **A47L 13/51** (2013.01)

Citation (search report)

- [X] DE 202013104736 U1 20131029 - PFENNIG REINIGUNGSTECHNIK GMBH [DE]
- [X] US 4312092 A 19820126 - LUNDGREN LARS
- [X] WO 2015049009 A1 20150409 - KAERCHER GMBH & CO KG ALFRED [DE]
- [X] US 9009907 B2 20150421 - MATOLA JESSE ANDREW [US], et al
- [X] WO 9909876 A1 19990304 - FREUDENBERG HOUSEHOLD PROD LP [US], et al
- [X] CN 204467975 U 20150715 - ZHAO LIQIANG

Cited by

WO2022130249A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3318169 A2 20180509**; **EP 3318169 A3 20180620**; **EP 3318169 B1 20200101**; DE 102016121266 A1 20180509;  
DE 102016121266 B4 20180816

DOCDB simple family (application)

**EP 17200149 A 20171106**; DE 102016121266 A 20161107