

Title (en)  
ASSISTANCE DEVICE

Title (de)  
ASSISTENZVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASSISTANCE

Publication  
**EP 3593779 A4 20200318 (EN)**

Application  
**EP 17899849 A 20170307**

Priority  
JP 2017009096 W 20170307

Abstract (en)  
[origin: EP3593779A1] An assistance device has an input device that receives an instruction to execute an assistance-related operation from an operator and a control section that controls an actuator based on the instruction to execute the assistance-related operation received by the input device. The control section enacts an operation-suspended state in which the actuator is stopped when an alarm trigger occurs; the control section cancels the operation-suspended state when the input device receives the instruction to execute the assistance-related operation in the operation-suspended state if the alarm trigger has been eliminated; and the control section maintains the operation-suspended state when the input device receives the instruction to execute the assistance-related operation in the operation-suspended state if the alarm trigger has not been eliminated.

IPC 8 full level  
**A61G 7/14** (2006.01); **A61G 5/14** (2006.01); **A61G 7/10** (2006.01)

CPC (source: EP)  
**A61G 7/1017** (2013.01); **A61G 7/1046** (2013.01); **A61G 7/1096** (2013.01); **A61G 2200/34** (2013.01); **A61G 2200/36** (2013.01); **A61G 2203/20** (2013.01); **A61G 2203/726** (2013.01)

Citation (search report)

- [X1] US 2012174314 A1 20120712 - CLEMENT GIDEON M [US], et al
- [X1] WO 2016103497 A1 20160630 - FUJI MACHINE MFG [JP]
- [X1] JP H11151277 A 19990608 - HITACHI CHEMICAL CO LTD
- See also references of WO 2018163307A1

Cited by  
US2019142670A1; US10792204B2

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 3593779 A1 20200115; EP 3593779 A4 20200318; EP 3593779 B1 20240619**; AU 2017402430 A1 20190926; AU 2017402430 B2 20200917; CN 110381908 A 20191025; CN 110381908 B 20210514; JP 6767563 B2 20201014; JP WO2018163307 A1 20191107; SG 11201908142Y A 20191030; WO 2018163307 A1 20180913

DOCDB simple family (application)  
**EP 17899849 A 20170307**; AU 2017402430 A 20170307; CN 201780088043 A 20170307; JP 2017009096 W 20170307; JP 2019504186 A 20170307; SG 11201908142Y A 20170307