

Title (en)  
DEVICE FOR ASSISTING A USER IN A HOUSEHOLD

Title (de)  
VORRICHTUNG ZUR UNTERSTÜTZUNG EINES NUTZERS IN EINEM HAUSHALT

Title (fr)  
DISPOSITIF D'ASSISTANCE D'UN UTILISATEUR À DOMICILE

Publication  
**EP 3308224 A1 20180418 (DE)**

Application  
**EP 16728843 A 20160520**

Priority  
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• EP 2016061404 W 20160520

Abstract (en)  
[origin: WO2016202524A1] The invention relates to a device (100) for assisting a user in a household. The device (100) comprises a base (130), by means of which the device (100) can be placed onto a standing surface. Furthermore, the device (100) comprises a first interaction unit (110), which comprises an optical sensor (112), which is designed to capture image data of a sensed region of an environment of the device (100). The first interaction unit (110) can be moved in relation to the base (130) in order to change the sensed region. In addition, the device (100) comprises a second interaction unit (120), which comprises a projector (121), which is designed to project an image onto a projection surface in the environment of the device (100). The second interaction unit (120) can be moved separately from the first interaction unit (110) in order to change the projection surface of the projector (121). The device (100) also comprises a control unit (131), which is designed to determine a position of a user of the device (110) in the environment of the device (100) and to trigger the movement of the first interaction unit (110) and the second interaction unit (120) in accordance with the position of the user. In addition, the control unit (131) is designed to determine an input of the user and to cause the projector (121) to project an image onto the projection surface in response to the input.

IPC 8 full level  
**G05B 15/02** (2006.01)

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