

Title (en)  
DEVICE AND METHOD FOR SETTING UP AT LEAST ONE BOWLING PIN

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM AUFSTELLEN MINDESTENS EINES BOWLINGPINS

Title (fr)  
DISPOSITIF ET PROCÉDÉ PERMETTANT DE METTRE EN PLACE AU MOINS UNE QUILLE DE BOWLING

Publication  
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Application  
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Abstract (en)  
[origin: WO2019086150A1] The invention relates to a device (1) for setting up at least one bowling pin (2). The device (1) comprises: an object detection device for detecting the bowling pin (2) and an orientation of the bowling pin (2), wherein the orientation of the bowling pin (2) includes a vertical orientation and a horizontal orientation of the bowling pin (2); at least one robotic arm which is configured for gripping and retaining the bowling pin (2) and for setting up the bowling pin (2) in a predetermined target position (5, 12); and a control unit which is designed to evaluate data of the object detection device and to actuate the robotic arm (3, 4) according to the predetermined target position (5, 12) of the bowling pin (2) and/or the detected orientation of the bowling pin (2). The invention also relates to a method for setting up at least one bowling pin (2).

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