

Title (en)  
METHOD AND SYSTEM FOR CONTROLLING A TELEROBOTIC ROBOT

Title (de)  
VERFAHREN UND SYSTEM ZUM STEUERN EINES TELEROBOTERS

Title (fr)  
PROCÉDÉ ET SYSTÈME DE COMMANDE D'UN ROBOT TÉLÉROBOTIQUE

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Application  
**EP 22725198 A 20220422**

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Abstract (en)  
[origin: WO2022233607A1] The invention relates to a method for controlling a telerobotic robot (1) using an input device which has a movable actuator (3), having the following steps, which are repeated multiple times in particular: - commanding (S50) a target pose of a reference of the telerobotic robot, said reference being fixed to the robot, on the basis of a detected position of the actuator; and - commanding (S50) a target force of the actuator; wherein a contact operating mode is carried out if a contact is ascertained between the reference fixed to the robot and an obstacle in a contact direction, and a non-contact operating mode is carried out after said contact is no longer ascertained and/or before said contact is ascertained. In the contact operating mode, the target force has a contact force component of a virtual spring, said contact force component simulating a contact between the reference fixed to the robot and an obstacle, and the contact force component is omitted in the non-contact operating mode.

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