Title (en)
METHOD FOR INTERACTION BETWEEN A USER AND A TECHNICAL OBJECT

Title (de)
VERFAHREN ZUR INTERAKTION EINES BEDIENERS MIT EINEM TECHNISCHEN OBJEKT

Title (fr)
MÉTHODE D'INTERACTION ENTRE UN UTILISATEUR ET UN OBJET TECHNIQUE

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Abstract (en)
[origin: WO2018007247A1] The method according to the invention provides an activation of an interaction system, a choosing process, a selection, a control, and a release of a technical object by performing gestures by means of an arm movement of the operator. The gestures can be detected preferably using inertial sensors provided in the lower arm region of the operator or also by optically detecting the arm gestures. In comparison to known choosing methods which likewise provide pointing gestures for aiming a technical object or also analyze a position or orientation of the operator in order to choose technical objects, a two-step process, i.e. a combination of a choosing gesture and a selecting gesture, allows a substantially more precise choosing process and interaction in the method according to the invention. In comparison to a screen-based interaction, the method according to the invention allows a more intuitive interaction with technical objects.

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