

Title (en)  
INTERACTIVE METHOD AND DEVICE FOR PROVIDING ASSISTANCE WITH MANUAL MOVEMENTS DURING MATERIAL PROCESSING

Title (de)  
INTERAKTIVES VERFAHREN UND VORRICHTUNG ZUR MANUELLEN BEWEGUNGSUNTERSTÜTZUNG WÄHREND DER BEARBEITUNG VON MATERIE

Title (fr)  
PROCEDE ET DISPOSITIF D'INTERACTION POUR L'ASSISTANCE AU GESTE MANUEL PENDANT LE TRAVAIL D'UNE MATIERE

Publication  
**EP 1616245 A1 20060118 (FR)**

Application  
**EP 04742486 A 20040413**

Priority  
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• FR 0304804 A 20030417

Abstract (en)  
[origin: FR2853983A1] The device has a metrological system to measure position of a tool (3) and a material. A micro-computer achieves acquisition of information from the system and propagates effect of movement of the tool (3) in relation to the material to be worked, to a digital model (M4). A stimuli generator (5) informs the position of the tool relative to the material to an operator (1) by increase of reality of actions that his job implies. An independent claim is also included for a method of assisting and training manual gesture assisted by computer during work of a material.

IPC 1-7  
**G06F 3/00**; **G09B 23/28**; **G05B 19/42**

IPC 8 full level  
**G06F 3/01** (2006.01); **G06F 3/048** (2013.01); **G09B 23/28** (2006.01)

CPC (source: EP US)  
**G06F 3/017** (2013.01 - EP US); **G09B 23/283** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004095249A1

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