

Title (en)
COLLABORATIVE ROBOTIC EQUIPMENT

Title (de)
KOLLABORATIVE ROBOTISCHE AUSRÜSTUNG

Title (fr)
EQUIPEMENT DE ROBOTIQUE COLLABORATIVE

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Application
EP 11728317 A 20110601

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Abstract (en)
[origin: WO2011151544A1] The invention relates to collaborative robotic equipment comprising a supporting structure (1) supporting an arm (2) that can be moved along at least one axis and the end of which is equipped with a tool (6), characterized in that said arm comprises a first horizontal portion (21), able to move on a vertical axis (X) and connected to the supporting structure by a first pivot (211), a second pivot (212) providing the rotary connection of a second horizontal portion (22) to the first portion (21), an end fitting (3) providing connection between the second portion and a motorized tool-holding linear actuator (4) which is fitted with a manual-control stick (5) collaborating with a main force sensor (54) to control the vertical movement of the tool (6) and amplify the manual effort.

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