

Title (en)

METHOD FOR AUTOMATICALLY MOVING ON THE GROUND A TOOL MOUNTED AT THE END OF AN ARTICULATED ARM

Title (de)

VERFAHREN ZUM AUTOMATISCHEN BEWEGEN EINES WERKZEUGS AUF EINEM GELÄNDE , WELCHES AM GELENKARMENDE MONTIERT IST

Title (fr)

PROCEDE DE DEPLACEMENT AUTOMATIQUE SUR UN TERRAIN, D'UN OUTIL MONTE A L'EXTREMITE D'UN BRAS ARTICULE

Publication

**EP 1297395 A1 20030402 (FR)**

Application

**EP 01938307 A 20010522**

Priority

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- FR 0006794 A 20000526

Abstract (en)

[origin: FR2809339A1] The invention concerns a method for automatically moving on the ground a tool mounted at the end of an articulated arm. It consists in bringing the tool (7, 17, 27) onto a first point of the surface and in calculating the co-ordinates of said point; in bringing the tool onto a second point enabling to set a first axis of co-ordinates of the working plan and to determine the furthestmost point to be reached on said axis; in bringing the tool onto a third point close to the second co-ordinate axis and enabling to define the position of the frame of reference of the working plan, then in a fourth point delimiting the zone plane inside which the work will be performed and in defining a working plan for the tool capable of being superimposed with the working surface so as to enable it to cover, by discontinuous or continuous movements, the entire working surface.

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