

Title (en)

METHOD FOR MODIFYING THE CUTTING TRAJECTORY FOR PARTS INTENDED TO BE CUT FROM A FLEXIBLE MATERIAL

Title (de)

VERFAHREN ZUR MODIFIZIERUNG DER SCHNITTTRAJEKTORIE FÜR TEILE, DIE AUS EINEM FLEXIBLEN MATERIAL GESCHNITTEN WERDEN SOLLEN

Title (fr)

PROCÉDÉ DE MODIFICATION DE LA TRAJECTOIRE DE COUPE DE PIÈCES DESTINÉES À ÊTRE DÉCOUPÉES DANS UN MATÉRIAU SOUPLE

Publication

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Application

EP 17822000 A 20171214

Priority

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- FR 2017053569 W 20171214

Abstract (en)

[origin: WO2018127637A1] The invention relates to a method for automatically modifying the cutting trajectory for parts intended to be cut from a flexible material by automatically moving a cutting tool in accordance with predetermined cutting trajectories, the cutting trajectories associated with each part being defined by a succession of cutting segments forming a polygon, the method comprising a step of identifying two cutting segments (c-2, c-3) belonging to two different parts (p-2, p-3) to be cut from the material and for which a condition relating to the maximum distance between these cutting segments is complied with, a step of verifying that the two cutting segments are located opposite each other, a step of verifying the absence of other cutting segments between the two cutting segments, a step of calculating a common cutting trajectory for the two cutting segments and a step of linking the common cutting trajectory to the cutting trajectory for the two parts to be cut so as to obtain modified cutting trajectories for the two components to be cut.

IPC 8 full level

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See references of WO 2018127637A1

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