

Title (en)
CONTROL AND MONITORING OF A MACHINE ARRANGEMENT

Title (de)
STEUERN UND/ODER ÜBERWACHEN EINER MASCHINENANORDNUNG

Title (fr)
COMMANDE ET SURVEILLANCE D'UN AGENCEMENT DE MACHINE

Publication
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Application
EP 20800111 A 20201029

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Abstract (en)
[origin: WO2021094101A1] The invention relates to a method for the control and/or monitoring a machine arrangement comprising at least one machine, in particular at least one robot (1, 2, 3), with the aid of a processor arrangement having a plurality of processors each with at least one core (11, 12, 21, 22, 31, 32), said method comprising the steps of: (a) choosing, in particular temporarily choosing (S20), a first available and at least one further available core on the proviso that these cores are implemented, in particular arranged, on different processors of the processor arrangement, in particular during operation of the machine arrangement and/or on the basis of an updated directory and/or on the basis of, in particular as a result of, an ascertained need for redundant processing of process signals; (b) processing (S40) process signals redundantly with the aid of these selected cores; and (c) controlling and/or monitoring (S50) the machine arrangement on the basis of this processing.

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