

Title (en)
METHOD FOR SPATIALLY ARRANGING COILS IN A COIL STORE AND COMBINATION OF A PROCESSING MACHINE AND A COIL STORE

Title (de)
VERFAHREN ZUM RÄUMLICHEN ANORDNEN VON COILS IN EINEM COILLAGER SOWIE KOMBINATION AUS EINER VERARBEITUNGSMASCHINE UND EINEM COILLAGER

Title (fr)
PROCÉDÉ D'AGENCEMENT SPATIAL DE BOBINES DANS UN STOCKAGE DE BOBINES ET ASSOCIATION D'UNE MACHINE DE TRAITEMENT ET D'UN STOCKAGE DE BOBINES

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Application
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Abstract (en)
[origin: WO2020083769A1] The invention relates to a method for spatially arranging coils (1,..., 6) in a coil store (7), in which multiple coils (1,..., 6) can be stored, wherein the method comprises the following steps: a) providing electronic data relating to a starting storage status, including information relating to a respective starting diameter (DA) of the coils (1,..., 6) and a respective spatial starting storage position of the coils (1,..., 6) in the coil store (7); b) transporting a selected coil (3) from a starting storage position to a processing machine (8) for processing at least one part of the sheet metal of the selected coil (3); c) sensorially detecting a reduced diameter (D) of the selected coil (3') after the part of the sheet metal of the selected coil (3) has been removed from the selected coil (3) for processing using the processing machine (8); d) saving the reduced diameter (D) of the selected coil (4); e) transporting the selected coil (3') having the reduced diameter (D) to a stowed storage position which is selected according to the reduced diameter (D) of the selected coil (4) to be different from the starting storage position to save space in the storage area; and f) saving the stowed storage position of the selected coil (3').

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