

Title (en)

ASSEMBLING METHOD AND APPARATUS TO ASSEMBLE A POWER STORAGE DEVICE USING IMPULSIVE WELDING ACTION

Title (de)

MONTAGEVERFAHREN UND VORRICHTUNG ZUM ZUSAMMENBAU EINER ENERGIESPEICHERVORRICHTUNG MITTELS IMPULSARTIGER SCHWEISSAKTION

Title (fr)

PROCÉDÉ ET APPAREIL D'ASSEMBLAGE POUR ASSEMBLER UN DISPOSITIF DE STOCKAGE D'ÉNERGIE À L'AIDE D'UNE ACTION DE SOUDAGE À IMPULSIONS

Publication

**EP 4252309 A1 20231004 (EN)**

Application

**EP 21834882 A 20211126**

Priority

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- IT 202000028652 A 20201126
- IB 2021061021 W 20211126

Abstract (en)

[origin: WO2022113023A1] The present application relates to a method of assembling a power storage device, comprising a feeding step, a placement step, a joining step, during which at least one terminal tab (B) of said power storage unit (A') is joined to at least one further metal layer (B, T), wherein the joining step entails an application sub-step, during which an impulsive welding action is applied in an overlapping zone, where said terminal tab (B) and said further metal element (B, T) overlap, by means of at least one welding tip, which can be operated following the application of an impulsive force. The present application relates also to a corresponding assembling apparatus.

IPC 8 full level

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