

Title (en)

Method for manufacturing a machine supporting base for a wind turbine, supporting base and wind turbine

Title (de)

Verfahren zum Herstellen eines Maschinenträgers für eine Windenergieanlage, Maschinenträger und Windenergieanlage

Title (fr)

Procédé de fabrication d'un support de machine pour une éolienne, support de machine et éolienne

Publication

EP 2368653 B1 20160706 (DE)

Application

EP 11153778 A 20110209

Priority

DE 102010002828 A 20100312

Abstract (en)

[origin: EP2368653A2] The method involves manufacturing a main beam (10) as a cast part by casting of a mold, and manufacturing a rear carrier (11) as a welded part. A weldable cast-in part i.e. cast steel part, is partially casted into a rear-side connection piece of the main beam during manufacturing the main beam. The cast-in part is connected with the rear carrier outside the main beam by welding. The cast-in part is preheated before casting of the cast-in part into the rear-side connection piece. The main beam together with the cast-in part or with the rear carrier is subjected to an annealing process. Independent claims are also included for the following: (1) a machine carrier comprising a weldable cast-in part (2) a wind energy plant comprising a machine carrier.

IPC 8 full level

B22D 19/04 (2006.01)

CPC (source: EP)

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Cited by

CN112714828A; WO2019038709A1; US10677223B2; WO2020060860A1

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DOCDB simple family (publication)

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