

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 A3 20130220 (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)

**B22D 19/04** (2013.01)

Citation (search report)

- [Y] EP 2161445 A1 20100310 - MITSUBISHI HEAVY IND LTD [JP]
- [Y] WO 2005056373 A1 20050623 - DAIMLER CHRYSLER AG [DE], et al
- [Y] EP 1880784 A2 20080123 - BAYERISCHE MOTOREN WERKE AG [DE]
- [Y] EP 1050357 A1 20001108 - ASEA BROWN BOVERI [CH]

Cited by

CN112714828A; WO2019038709A1; US10677223B2; WO2020060860A1

Designated contracting state (EPC)

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