

Title (en)

Wind turbine component having a lightweight structure

Title (de)

Komponente für Windturbine mit Leichtstruktur

Title (fr)

Composante pour turbine à vent ayant une structure légère

Publication

**EP 2554297 A2 20130206 (EN)**

Application

**EP 12178868 A 20120801**

Priority

- US 201113204386 A 20110805
- US 201213488892 A 20120605

Abstract (en)

A wind turbine component 10 having a lightweight structure is provided and includes a metallic matrix 20 defining a cavity 21, metallic foam 30 enclosed within the cavity 21 and a solidification metallurgical bond 40 formed at an entire interface 41 between the metallic matrix 20 and the metallic foam 30.

IPC 8 full level

**B22D 19/02** (2006.01); **B22D 15/00** (2006.01)

CPC (source: EP US)

**B22D 15/00** (2013.01 - EP US); **B22D 19/02** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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