

Title (en)

System and method for handling wind turbine tower sections

Title (de)

System und Verfahren zur Handhabung von Windturbinenturmabschnitten

Title (fr)

Système et procédé de gestion des sections de tour d'éolienne

Publication

**EP 2527284 A1 20121128 (EN)**

Application

**EP 11194018 A 20111216**

Priority

EP 11194018 A 20111216

Abstract (en)

A lifting tool, system, and method for handling one or more wind turbine tower sections are provided. The lifting tool comprises a bracket and insert. The bracket has a base and an adaptor hole extending through the base. The insert is configured to be positioned and retained in and/or over the adaptor hole. The insert also includes bolt holes arranged along a first radius of curvature corresponding to the radius of curvature of the flange of one of the tower sections such that the bracket is configured to be bolted to the tower section. The system for handling comprises first and second lifting tools, and the method for handling corresponds to use of the lifting tool.

IPC 8 full level

**B66C 1/10** (2006.01); **B66C 1/66** (2006.01)

CPC (source: EP)

**B66C 1/108** (2013.01); **B66C 1/66** (2013.01)

Citation (search report)

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- [X] WO 2011056251 A1 20110512 - ENGINEERED LIFTING TECHNOLOGIES INC [US], et al
- [A] WO 2011009500 A1 20110127 - SIEMENS AG [DE], et al
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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