

Title (en)  
LIFTING DEVICE FASTENING AND LIFTING DEVICE FOR WIND TURBINES

Title (de)  
HEBEZEUGBEFESTIGUNG UND HEBEZEUG FÜR WINDKRAFTTURBINEN

Title (fr)  
FIXATION D'ENGIN DE LEVAGE ET ENGIN DE LEVAGE POUR TURBINES ÉOLIENNES

Publication  
**EP 3877311 A1 20210915 (DE)**

Application  
**EP 19802119 A 20191106**

Priority  
• DE 102018008699 A 20181106  
• EP 2019080434 W 20191106

Abstract (en)  
[origin: WO2020094735A1] The invention relates to a lifting device fastening (30) and a lifting device (1) for wind turbines with a climbing aid (41) arranged on the inner wall of the tower (40) of the wind turbine. The lifting device fastening (30) comprises at least two mountings (31), which are individually secured to the climbing aid (41) at at least two different heights at climbing aid anchoring points (42), and a vertical lifting device support brace (32), which can be attached to the mountings (31) in a parallel orientation to the climbing aid (41). The lifting device (1) comprises a fastening element (2) and an attachment element (20) for attaching a lifting tool, wherein the fastening element (2) and the attachment element (20, 20') are connected by a row (10) of vertically extending segments (11), and segments (11) lying adjacently to one another are pivotally connected together on a horizontal plane. The attachment element (20, 20') can be moved and oriented freely on a horizontal plane relative to the fastening element (2), and the fastening element (2) is attached to a lifting device fastening (30) according to the invention.

IPC 8 full level  
**B66C 23/04** (2006.01); **B66C 23/20** (2006.01); **E06C 7/12** (2006.01)

CPC (source: EP)  
**B66C 23/04** (2013.01); **B66C 23/207** (2013.01); **E06C 7/12** (2013.01); **Y02E 10/72** (2013.01)

Citation (search report)  
See references of WO 2020094735A1

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)  
**WO 2020094735 A1 20200514**; EP 3877311 A1 20210915

DOCDB simple family (application)  
**EP 2019080434 W 20191106**; EP 19802119 A 20191106