

Title (en)

FOUNDATION OF AN OFFSHORE STRUCTURE

Title (de)

GRÜNDUNG EINES OFFSHORE-BAUWERKS

Title (fr)

FONDATION D'UN OUVRAGE EN MER

Publication

**EP 4214365 A2 20230726 (DE)**

Application

**EP 21773736 A 20210907**

Priority

- DE 102020124137 A 20200916
- EP 2021074564 W 20210907

Abstract (en)

[origin: WO2022058198A2] The application relates to a foundation (100, 200, 400, 500, 700) of an offshore structure, in particular an offshore wind turbine, comprising: at least one tower-like foundation structure (102, 202, 402, 502, 702) with a fixing-in end (106, 206, 406, 506), which, in an installed state of the foundation (100, 200, 400, 500, 700), at least contacts the underwater ground surface (226); and at least one ballast weight element (104, 204, 404, 504, 704) arranged on the tower-like foundation structure (102, 202, 402, 502, 702), the ballast weight element (104, 204, 404, 504, 704) being movable along the longitudinal axis (101, 401, 501) of the tower-like foundation structure (102, 202, 402, 502, 702).

IPC 8 full level

**E02D 7/02** (2006.01); **E02D 7/08** (2006.01); **E02D 15/08** (2006.01); **E02D 27/42** (2006.01); **E02D 27/50** (2006.01); **E02D 27/52** (2006.01)

CPC (source: EP)

**E02D 7/02** (2013.01); **E02D 7/08** (2013.01); **E02D 15/08** (2013.01); **E02D 27/425** (2013.01); **E02D 27/525** (2013.01); **E02D 27/50** (2013.01);  
**Y02E 10/72** (2013.01); **Y02E 10/727** (2013.01)

Citation (search report)

See references of WO 2022058198A2

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102020124137 A1 20220317**; EP 4214365 A2 20230726; WO 2022058198 A2 20220324; WO 2022058198 A3 20220512

DOCDB simple family (application)

**DE 102020124137 A 20200916**; EP 2021074564 W 20210907; EP 21773736 A 20210907