

Title (en)
FLOATING WINDMILL CONSTRUCTION

Title (de)
SCHWIMMENDE WINDMÜHLENKONSTRUKTION

Title (fr)
CONSTRUCTION D'ÉOLIENNE FLOTTANTE

Publication
EP 4288660 A1 20231213 (EN)

Application
EP 22750103 A 20220208

Priority
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• NO 2022050036 W 20220208

Abstract (en)
[origin: WO2022169371A1] A floating windmill construction, comprising a foundation (12) which floats in a body of water (20), where the floating foundation (12) supports at least one tower (14) equipped with a turbine (16), and said floating foundation (12) comprises a submerged, elongated and stabilizing buoyancy part (3) attached to the lower part (4) of the tower. The floating foundation (12) comprises one or more outwardly extending stabilizer arm(s) (6) which extend in a direction transverse to the longitudinal direction of the elongated and stabilizing buoyancy part (3), said stabilizer arm (6) penetrates the water surface of the body of water (20). The submerged, elongated and stabilizing buoyancy part (3) is arranged to float horizontally in the body of water (20) and is rigidly anchored to one or more bottom- fixed foundations (25) that extend up from a seabed (30).

IPC 8 full level
F03D 13/25 (2016.01); **B63B 75/00** (2020.01); **E02D 27/52** (2006.01); **F03D 9/30** (2016.01); **F03D 13/20** (2016.01)

CPC (source: EP NO)
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Citation (search report)
See references of WO 2022169371A1

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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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