

Title (en)
HOIST MECHANISM

Title (de)
WINDENMECHANISMUS

Title (fr)
MÉCANISME DE TREUILLAGE

Publication
EP 2990573 A1 20160302 (EN)

Application
EP 15181487 A 20150819

Priority
FI 20140232 A 20140828

Abstract (en)
The hoist mechanism comprises a hoist axle (10), at least one electric motor (16) for rotating the hoist axle, the electric motor having an axle, and an emergency use system for rotating the said electric motor axle. The emergency use system has been planned to be used when the supply of electric power to the electric motor has been interrupted, for example, because of a power cut or failure in the electrical system. The emergency use system includes a hydraulic motor (22), which is connected to the axle of the electric motor with the clutch (20). When the emergency use system is taken into use, the hydraulic motor is connected to the axle of the electric motor, after which the axle of the electric motor can be rotated by means of the hydraulic motor.

IPC 8 full level
B66D 1/08 (2006.01); **B66D 1/12** (2006.01); **E05F 15/59** (2015.01); **E05F 15/686** (2015.01)

CPC (source: EP)
B66D 1/08 (2013.01); **B66D 1/12** (2013.01); **B66D 1/26** (2013.01); **B66D 1/42** (2013.01); **E05F 15/59** (2015.01); **E05F 15/686** (2015.01); **E05Y 2201/216** (2013.01); **E05Y 2400/612** (2013.01); **E05Y 2800/244** (2013.01); **E05Y 2800/25** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)
• [XAI] WO 2013147613 A1 20131003 - I P HUSE AS [NO]
• [A] WO 03076750 A1 20030918 - CAMPISA SRL [IT], et al

Cited by
CN108331502A; EP3309337A1; CN114302998A; EP3564181A1; IT201800005000A1; CN112664089A

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)
EP 2990573 A1 20160302; EP 2990573 B1 20171122; FI 11046 U1 20151127

DOCDB simple family (application)
EP 15181487 A 20150819; FI U20154153 U 20150824