

Title (en)
DECOUPLING A TOOL FROM TILT ROTATOR

Title (de)
ENTKOPPLUNG EINES WERKZEUGS VON EINEM NEIGUNGSDREHER

Title (fr)
DÉCOUPLAGE D'UN OUTIL D'UN ROTATEUR D'INCLINAISON

Publication
EP 4093919 A1 20221130 (EN)

Application
EP 21700482 A 20210107

Priority
• GB 202000937 A 20200122
• EP 2021025002 W 20210107

Abstract (en)
[origin: GB2591254A] The present invention pertains to a Method of decoupling a tool (20) from a tilt rotator assembly (100) comprising a tilt rotator (10) with a tool (20) coupled thereto, the method comprising: retrieving (S20) at least one value (V1) corresponding to a current posture of the tilt rotator assembly (100); determining (S30) at a control unit (2) whether the at least one retrieved value (V1) fulfils a predetermined condition; and allowing (S40) the decoupling of the tool (20) from the tilt rotator assembly (100) if it is determined that the at least one retrieved value (V1) fulfills the predetermined condition. The present invention further pertains to a vehicle (200) comprising a tilt rotator assembly (100) being configured to carry out said method and a computer system for performing said method.

IPC 8 full level
E02F 3/36 (2006.01)

CPC (source: EP GB)
E02F 3/3609 (2013.01 - GB); **E02F 3/3681** (2013.01 - EP GB); **E02F 9/24** (2013.01 - GB)

Citation (search report)
See references of WO 2021148236A1

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)
GB 202000937 D0 20200304; **GB 2591254 A 20210728**; **GB 2591254 B 20220615**; AU 2021211839 A1 20220818; CN 114981502 A 20220830; EP 4093919 A1 20221130; JP 2023510969 A 20230315; WO 2021148236 A1 20210729

DOCDB simple family (application)
GB 202000937 A 20200122; AU 2021211839 A 20210107; CN 202180009840 A 20210107; EP 2021025002 W 20210107; EP 21700482 A 20210107; JP 2022544119 A 20210107