

Title (en)

METHOD FOR PROVISIONALLY ENSURING THE FUNCTIONAL CAPABILITY OF A DAMAGED HOUSING, AND HOUSING

Title (de)

VERFAHREN ZUR BEHELFSWEISEN SICHERUNG DER FUNKTIONSFÄHIGKEIT EINES BESCHÄDIGTEN GEHÄUSES SOWIE GEHÄUSE

Title (fr)

PROCÉDÉ POUR ASSURER PROVISOIREMENT LA CAPACITÉ FONCTIONNELLE D'UN BOÎTIER ENDOMMAGÉ, ET BOÎTIER

Publication

EP 4088010 B1 20240529 (DE)

Application

EP 21708155 A 20210218

Priority

- DE 102020203326 A 20200316
- EP 2021053995 W 20210218

Abstract (en)

[origin: WO2021185524A1] The invention relates to a method for provisionally ensuring the functional capability of a housing of a machine in the event of damage to the housing, the housing having a housing upper part and a housing lower part, which are detachably fastened to each other by means of housing flanges and by means of threaded bolts that extend through the housing flanges and are secured by means of nuts, the damage to the housing being at least one crack in one of the housing parts, which extends toward the other housing part. According to the invention, the housing is reinforced by means of support plates, which are each fastened to the outside of the housing flanges. The invention also relates to a housing reinforced by means of support plates of this type.

IPC 8 full level

F01D 21/00 (2006.01); **F01D 25/00** (2006.01); **F01D 25/24** (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP US)

F01D 21/00 (2013.01 - EP); **F01D 25/00** (2013.01 - EP); **F01D 25/24** (2013.01 - EP US); **F01D 25/243** (2013.01 - EP); **F01D 25/265** (2013.01 - EP); **F01D 25/28** (2013.01 - US); **F05D 2230/80** (2013.01 - EP US); **F05D 2240/14** (2013.01 - EP); **F05D 2260/31** (2013.01 - US)

Citation (examination)

EP 2543828 B1 20181121 - ROLLS ROYCE PLC [GB]

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

DOCDB simple family (publication)

DE 102020203326 A1 20210916; EP 4088010 A1 20221116; EP 4088010 B1 20240529; US 11959391 B2 20240416; US 2023087235 A1 20230323; WO 2021185524 A1 20210923

DOCDB simple family (application)

DE 102020203326 A 20200316; EP 2021053995 W 20210218; EP 21708155 A 20210218; US 202117909365 A 20210218