

Title (en)
SEAT PORTION STRUCTURE FOR A HYDRAULIC TURBINE ENGINE

Title (de)
SITZTEILSTRUKTUR FÜR EINEN HYDRAULISCHEN TURBOMOTOR

Title (fr)
STRUCTURE D'ASSISE D'UNE TURBOMACHINE HYDRAULIQUE

Publication
EP 2321470 A2 20110518 (FR)

Application
EP 09740456 A 20090811

Priority
• FR 2009051582 W 20090811
• FR 0855593 A 20080814

Abstract (en)
[origin: WO2010018345A2] The invention relates to a seat portion structure (10) for a ground-based hydraulic turbine engine (50). The seat portion structure includes a base plate (12). A first bearing element (20) is connected to the base plate and contacts the ground. At least three arms (26) are connected to the base plate by a pivoting link (28). The arms are adapted for pivoting relative to the base plate between a first position, in which the arms are placed near each other, and a second position, in which the arms radially extend from the base plate (12). A second bearing element (30) is connected to one end of each arm and contacts the ground. A positioning device (32) is adapted for changing the distance between the end of at least one arm and the associated second element. The structure includes, for each arm, a device (36) for locking the arm in the second position.

IPC 8 full level
E02B 17/02 (2006.01); **E02D 27/52** (2006.01); **F03B 13/26** (2006.01)

CPC (source: EP US)
E02D 27/52 (2013.01 - EP US); **F03B 11/00** (2013.01 - EP US); **F03B 17/06** (2013.01 - EP US); **F03D 13/22** (2023.08 - EP US); **E02B 2017/0078** (2013.01 - EP); **F05B 2240/97** (2013.01 - EP US); **Y02E 10/20** (2013.01 - US); **Y02E 10/30** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP); **Y02E 10/728** (2013.01 - EP US)

Citation (search report)
See references of WO 2010018345A2

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010018345 A2 20100218; **WO 2010018345 A3 20100401**; AP 2011005605 A0 20110430; CA 2734085 A1 20100218; EP 2321470 A2 20110518; FR 2935005 A1 20100219; FR 2935005 B1 20130816; US 2011206467 A1 20110825; US 8662792 B2 20140304; ZA 201101365 B 20120530

DOCDB simple family (application)
FR 2009051582 W 20090811; AP 2011005605 A 20090811; CA 2734085 A 20090811; EP 09740456 A 20090811; FR 0855593 A 20080814; US 200913058758 A 20090811; ZA 201101365 A 20110221