

Title (en)
EXHAUST HOUSING OF A STEAM TURBINE

Title (de)
AUSSTRÖMGEHÄUSE EINER DAMPFTURBINE

Title (fr)
CARTER D'ÉJECTION D'UNE TURBINE À VAPEUR

Publication
EP 3488083 B1 20200826 (DE)

Application
EP 17736923 A 20170704

Priority
• DE 102016215770 A 20160823
• EP 2017066556 W 20170704

Abstract (en)
[origin: WO2018036697A1] The invention relates to an outflow housing (1) for a turbine section (2) of a steam turbine (3). The outflow housing (1) has an outflow housing wall (4), which surrounds a central drum chamber (5) along a housing longitudinal axis (6), and a connection interface (7) for connecting the outflow housing (1) to a turbine housing (8) of the steam turbine (3). A sealing device (9) for sealing an end (10) of the outflow housing (1), which end is arranged at the rear in the flow direction (S), with respect to a turbine shaft of the steam turbine (3) is arranged on the outflow housing wall (4), wherein the sealing device (9) is sealed to the outflow housing wall (4). The invention further relates to a steam turbine (3) having an outflow housing (1) according to the invention.

IPC 8 full level
F01D 25/26 (2006.01); **F01K 7/22** (2006.01)

CPC (source: EP US)
F01D 11/003 (2013.01 - US); **F01D 11/005** (2013.01 - US); **F01D 25/24** (2013.01 - US); **F01D 25/26** (2013.01 - EP); **F01K 7/22** (2013.01 - EP); **F05D 2220/31** (2013.01 - EP US); **F05D 2240/55** (2013.01 - EP US); **F05D 2260/941** (2013.01 - EP)

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 102016215770 A1 20180301; BR 112019003412 A2 20190521; BR 112019003412 A8 20230502; CN 109642476 A 20190416; CN 109642476 B 20211126; EP 3488083 A1 20190529; EP 3488083 B1 20200826; JP 2019528398 A 20191010; JP 6910427 B2 20210728; PL 3488083 T3 20210308; US 11286810 B2 20220329; US 2021277801 A1 20210909; WO 2018036697 A1 20180301

DOCDB simple family (application)
DE 102016215770 A 20160823; BR 112019003412 A 20170704; CN 201780051871 A 20170704; EP 17736923 A 20170704; EP 2017066556 W 20170704; JP 2019510917 A 20170704; PL 17736923 T 20170704; US 201716326447 A 20170704