Title (en)

STEAM TURBINE WITH AN EXHAUST STEAM HOUSING

Title (de)

DAMPFTURBINE MIT EINEM ABDAMPFGEHÄUSE

Title (fr)

TURBINE A VAPEUR COMPORTANT UN BOITIER DE VAPEUR D'ECHAPPEMENT

Publication

EP 1121509 B1 20030618 (DE)

Application

EP 99955798 A 19990924

Priority

- DE 9903080 W 19990924
- DE 19846224 A 19981007

Abstract (en)

[origin: DE19846224A1] The invention relates to a steam turbine (1) with an exhaust steam housing (2). The aim of the invention is to provide a particularly simple means of enabling an exhaust steam housing to be adapted to different combinations of an entry housing (26), which is connected upstream of the exhaust steam housing (2), and a condenser, whilst guaranteeing good flow conditions for the exhaust steam. To this end, the outer jacket (34) of the exhaust steam housing (2) comprises a first jacket part (36) in the form of a cylindrical jacket which is connected by a stiffening ring (38) to a second jacket part (40) in the form of a conical jacket. A conical jacket-shaped guiding element (44) for guiding the flow of exhaust steam inside the outer jacket (34) is located on the stiffening ring (38).

IPC 1-7

F01D 25/30

IPC 8 full level

F01D 25/30 (2006.01)

CPC (source: EP US)

F01D 25/30 (2013.01 - EP US); F05D 2230/61 (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR LI SE

DOCDB simple family (publication)

DE 19846224 A1 20000420; DE 59906036 D1 20030724; EP 1121509 A1 20010808; EP 1121509 B1 20030618; US 2001031200 A1 20011018; US 6406252 B2 20020618; WO 0020727 A1 20000413

DOCDB simple family (application)

DE 19846224 A 19981007; DE 59906036 T 19990924; DE 9903080 W 19990924; EP 99955798 A 19990924; US 82930001 A 20010409