

Title (en)
STEAM TURBINE DRIVING MACHINE, AND SHIP AND GAS LIQUEFACTION APPARATUS EACH EQUIPPED WITH STEAM TURBINE DRIVING MACHINE

Title (de)
DAMPFTURBINEN-ANTRIEBSMASCHINE SOWIE SCHIFF UND GASVERFLÜSSIGUNGSVORRICHTUNG MIT DER DAMPFTURBINEN-ANTRIEBSMASCHINE

Title (fr)
MACHINE D'ENTRAÎNEMENT À TURBINE À VAPEUR, ET NAVIRE ET APPAREIL DE LIQUÉFACTION DE GAZ ÉQUIPÉS CHACUN D'UNE MACHINE D'ENTRAÎNEMENT À TURBINE À VAPEUR

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EP 2679483 A4 20170517 (EN)

Application
EP 12749246 A 20120209

Priority
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Abstract (en)
[origin: EP2679483A1] A steam turbine driver which enables using two shafts without increasing an installation space, and can further independently drive the two output shafts with a simple configuration is provided. A steam turbine driver (1A) includes: an ahead high-pressure turbine (7) driven upon supply of steam; a first drive shaft (4) driven by the ahead high-pressure turbine (7); an ahead first low-pressure turbine (11) and an ahead second low-pressure turbine (13) driven upon supply of steam discharged from the ahead high-pressure turbine (7); and a second drive shaft (14) driven by the ahead first low-pressure turbine (11) and the ahead second low-pressure turbine (13), the steam turbine driver further including a steam dump pipe (33) and a pressure reducing valve (35) that control a pressure of the steam discharged from the high-pressure turbine (7) and supplied to the first low-pressure turbine (11) and the second low-pressure turbine (13).

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• [X] US 2006140747 A1 20060629 - VANDERVORT CHRISTIAN L [US], et al
• [X] EP 0379930 A1 19900801 - GEN ELECTRIC [US]
• [X] JP 2010209858 A 20100924 - TOSHIBA CORP
• See references of WO 2012114892A1

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