

Title (en)

STEAM TURBINE PLANT WITH VARIABLE STEAM SUPPLY

Title (de)

DAMPFTURBINENANLAGE MIT VARIABLER DAMPFEINSPEISUNG

Title (fr)

SYSTÈME DE TURBINE À VAPEUR À ALIMENTATION EN VAPEUR VARIABLE

Publication

EP 2611995 B1 20170426 (DE)

Application

EP 11771088 A 20111012

Priority

- EP 10189417 A 20101029
- EP 2011067811 W 20111012
- EP 11771088 A 20111012

Abstract (en)

[origin: EP2447484A1] The turbine plant e.g. steam turbine plant (1), has a supply steam device (18) provided on a steam turbine (12) and having a switching armature (17) with which the steam device is connected to an inlet steam collection line segment (19) and upstream of an inlet steam introduction point (21). The armature is triggered and switched such that the line segment is connected to the steam device if outlet steam pressure in the line segment is lower than target pressure. Steam is conducted and disconnected between the armature and point, and the steam device is separated from the line segment. An independent claim is also included for a method for operating a steam turbine plant.

IPC 8 full level

F01K 7/18 (2006.01); **F01K 7/20** (2006.01); **F01K 23/10** (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP US)

F01K 7/18 (2013.01 - US); **F01K 7/20** (2013.01 - US); **F01K 23/10** (2013.01 - US); **F01K 23/101** (2013.01 - EP US); **F01K 23/108** (2013.01 - EP US); **F22B 1/1815** (2013.01 - EP US)

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