

Title (en)

Steam turbine with a blindwall between adjacent pressure sections

Title (de)

Dampfturbine mit einer Trennwand zwischen benachbarten Druckstufen

Title (fr)

Turbine à vapeur comprenant une partition entre sections de pression adjacentes

Publication

**EP 2436885 B1 20180221 (EN)**

Application

**EP 10182377 A 20100929**

Priority

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Abstract (en)

[origin: EP2436885A1] The present invention relates to a steam turbine (40) with a rotor (20), with a blading (21), with a casing (22) comprising two parts, whereby the two casing parts are fixed together at their splitplane (23) with several splitplane bolts (24), the steam turbine (40) having a first pressure section (30) and a second pressure section (35), the pressure sections (30, 35) separated from each other by an annular blindwall (1), wherein the blindwall (1) and an annular part (25) of the inner surface (26) of the casing (22) are building an annular chamber (2), whereby the casing (22) comprises a third steam inlet (3) and a third steam outlet (3) connected to the annular chamber (2) for guiding steam into and out of the annular chamber (2).

IPC 8 full level

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