

Title (en)

Turbine and working method for dismantling the blades of a turbine

Title (de)

Turbine und Arbeitsverfahren zum Ausbau der Leitschaufeln einer Turbine

Title (fr)

Turbine et procédé de démontage des aubes fixes d'une turbine

Publication

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Application

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Abstract (en)

[origin: WO2004057158A1] The invention relates to a turbine (1) and a method for dismantling a blade (12) of a turbine. Said turbine (1) comprises a rotor (3) that extends in an axial direction and an accessible combustion chamber (6), which communicates with an annular hot-gas conduit 18, in which a plurality of blades (12) that form a blade row (13) is arranged. Each blade (12) has a blade root (21) that is fixed to the internal housing and a blade head (22) that lies opposite said root (21) and faces the rotor (3), said head being fixed to a fixing ring (24) of the turbine (1) that encircles the rotor (3). The aim of the invention is to reduce the down time of the turbine (1) during repair, inspection and/or maintenance work. To achieve this, the blade root (21) and/or the blade head (22) can be fixed by means of a manually detachable clamping device (25, 35).

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