

Title (en)
ROTOR FOR A THERMAL TURBOMACHINE

Title (de)
ROTOR FÜR EINE THERMISCHE STRÖMUNGSMASCHINE

Title (fr)
ROTOR POUR UNE TURBOMACHINE THERMIQUE

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Application
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Abstract (en)
[origin: WO2015007443A1] The invention relates to a rotor (10) for a thermal turbomachine, in particular a gas turbine, which rotor is designed to conduct a medium, such as compressor air, in the interior of the rotor. In order to conduct said medium in the interior with low flow losses and at the same time to specify a rotor (10) that can be produced comparatively simply and economically, a separately produced blade wheel (50) according to the invention is arranged between the mutually adjacent hub regions of the two rotor disks (34, 42), and that a sleeve (62) is provided for fastening the blade wheel (50) to one of the two rotor disks (34, 42), which sleeve extends through the central opening (30) of said one rotor disk (34, 42) and comprises a collar (64) serving as a stop at a first end (63) of the sleeve and comprises a second end (65) opposite the first end (63), on which second end (65) the blade wheel (50) is fastened.

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