

Title (en)  
TURBOMACHINE ROTOR, ROTOR BLADE FOR SUCH A TURBOMACHINE ROTOR AND CORRESPONDING ASSEMBLING METHOD

Title (de)  
TURBOMASCHINENROTOR, LAUFSCHAUFEL FÜR EINEN SOLCHEN TURBOMASCHINENROTOR SOWIE ENTSPRECHENDES MONTAGEVERFAHREN

Title (fr)  
ROTOR DE TURBOMACHINE, AUBE ROTORIQUE POUR UN TEL ROTOR DE TURBOMACHINE ET PROCÉDÉ D'ASSEMBLAGE ASSOCIÉ

Publication  
**EP 2242909 A1 20101027 (DE)**

Application  
**EP 09709892 A 20090123**

Priority

- EP 2009050781 W 20090123
- EP 08002768 A 20080214
- EP 09709892 A 20090123

Abstract (en)  
[origin: EP2090750A1] The rotor (1) has a rotor blade (2) provided with a blade base (4). A rotor disk (16) has a groove (17) in which the blade base is engaged such that the blade is held in the groove in a radial direction in a form-fit manner. Pre-tensioning devices (7-14, 19-28) are supported at the rotor disk and at the blade base, and exert a pre-tensioning force on the blade base in the radial direction. The pre-tensioning devices are designed such that the pre-tensioning force is adjusted when the rotor is in the assembled state. An independent claim is also included for a method for assembling a turbo machine rotor.

IPC 8 full level  
**F01D 5/30** (2006.01)

CPC (source: EP US)  
**F01D 5/3092** (2013.01 - EP US); **F01D 5/323** (2013.01 - EP US); **F01D 5/326** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)  
See references of WO 2009100975A1

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DOCDB simple family (publication)  
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