

Title (en)  
TURBINE BLADE AND TURBINE

Title (de)  
TURBINENSCHAUFEL UND TURBINE

Title (fr)  
AUBE DE TURBINE ET TURBINE

Publication  
**EP 3158168 B1 20230517 (DE)**

Application  
**EP 15756631 A 20150827**

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Abstract (en)  
[origin: WO2016030449A1] The invention relates to a turbine blade (1) with an internally cooled turbine blade airfoil (3), in which a hollow space (10) is divided by rib elements (11, 12) in at least one cooling channel (13) carrying a coolant (14), wherein a recess of material (29), which is arranged next to at least one rib element (11, 12) on a turbine blade airfoil wall (5), is embodied such that tensions occurring within the turbine blade airfoil (3) can be reduced in a region (28) surrounding the at least one rib element (11, 12).

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Citation (examination)  
• US 2004094287 A1 20040520 - WANG JOHN Z [US]  
• US 5296308 A 19940322 - CACCAVALE CHARLES F [US], et al

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