Title (en)
　　TURBINE BLADE

Title (de)
　　TURBINENSCHAUFEL

Title (fr)
　　AUBE DE TURBINE

Publication
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Application
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Abstract (en)
　　[origin: WO2008052846A1] A turbine blade (12, 14), having a plurality of auxiliary cooling channels (24) which branch off from a main cooling channel (26) which is formed within a blade basic body (30), which auxiliary cooling channels (24) open into outlet openings in the leading edge region of the blade basic body (30), is to be of particularly temperature-resistant design with respect to the working medium (M) of the turbine with a high degree of efficiency for reliable and safe operation. To this end, according to the invention, a heat shield element (22) is attached to the blade basic body (30) in the leading edge region at a predefined spacing, wherein the heat shield element (22) has a number of outlet channels (28) which are arranged behind one another in the longitudinal direction and extend from the main cooling channel (26) to the outer wall face (36) of the heat shield element (22).

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