

Title (en)

TURBOMACHINE ROTOR AND METHOD FOR PRODUCING SAME

Title (de)

STRÖMUNGSMASCHINENROTOR UND VERFAHREN ZUM HERSTELLEN DESSELBEN

Title (fr)

ROTOR DE TURBOMACHINE ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

**EP 3538744 A1 20190918 (DE)**

Application

**EP 17797639 A 20171113**

Priority

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- EP 2017079077 W 20171113

Abstract (en)

[origin: WO2018087370A1] The invention relates to a turbomachine rotor (10) comprising a radially inner hub element (11), a radially outer cover element (12), and rotor blades (13) which extend between the hub element (11) and the cover element (12) and have rotor blade airfoils (14), wherein the rotor blades (13) are an integral component of the hub element (11) and are bonded to the cover element (12) according to a first alternative or are an integral component of the cover element and are bonded to the hub element according to a second alternative. The rotor blades (13) have an integral socket (15) adjacently to the cover element (11) according to the first alternative or adjacently to the hub element according to the second alternative, and the rotor blades (13) are bonded to the cover element (11) according to the first alternative or to the hub element according to the second alternative via the socket.

IPC 8 full level

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Citation (search report)

See references of WO 2018087370A1

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