Title (en)
DUMMY WHEEL DISK, AND METHOD FOR MACHINING BLADES

Title (de)
DUMMY-RADSCHEIBE UND VERFAHREN ZUM BEARBEITEN VON SCHAUFELN

Title (fr)
FAUX DISQUE DE ROUE ET PROCÉDÉ D'USINAGE D'AUBES

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Abstract (en)
[origin: WO2017071905A1] The invention relates to a dummy wheel disk (1) for receiving blades (2) of a turbomachine during a machining process in a machining machine, comprising a disk-shaped or annular main part (3), along the circumferential surface of which substantially axially extending receiving grooves (6) are formed, the cross-sectional shape of each groove being adapted to the cross-sectional shape of blade roots (7) of the blades (2) to be machined. The invention is characterized in that stop means are provided on a first end face (8) of the main part (3), said stop means at least partly closing the receiving grooves (6) at the first end face (8); first pressing means are arranged on the second end face (10) of the main part (3), said pressing means being designed to press against the stop means in the blade roots (7) received in the receiving grooves (6); and second pressing means are provided which are designed to press blade roots (7) received in the receiving grooves (6) into a radially outer position. The invention further relates to a dummy wheel disk set and to a method for mechanically machining blades (2).

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