

Title (en)

METHOD OF MANUFACTURING A BLADING COMPONENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER SCHAUFELKOMPONENTE

Title (fr)

PROCEDE DE FABRICATION D'UNE PIECE D'AUBAGE

Publication

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Application

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Abstract (en)

[origin: WO2010007322A2] The present invention relates to a method of manufacturing a sector of metal blading (1) for a turbomachine low pressure guide vane assembly in which at least one vane (14) comprises an internal cavity (13) intended to accept or communicate with a gas detection probe and at least one hole (19) formed in the wall constituting a passage for gas from the low-pressure zone of the turbomachine to the said cavity (13) and the probe by installing in a casting mould an insert that corresponds to the said cavity (13) and pouring molten metal into the cavity of the said casting mould. The method is characterized in that the insert (20) comprises, for each communication hole (19) of the said cavity (13), a protrusion (22) penetrating the internal surface of the mould and constituting the sole means of holding the insert (20) in the casting mould.

IPC 8 full level

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