

Title (en)
STATOR BLADE RING AND METHOD OF MAKING THE RING

Title (de)
LEITSCHAUFELRING UND MONTAGEVERFAHREN

Title (fr)
ANNEAU D'AUBES FIXES ET PROCÉDÉ D'ASSEMBLAGE DE L'ANNEAU

Publication
EP 2604801 B1 20180314 (EN)

Application
EP 12195193 A 20121203

Priority
IT CO20110060 A 20111212

Abstract (en)
[origin: EP2604801A1] A stator blade ring 12 for the last stage of a multi-stage steam turbine 400 includes a plurality of stator blade modules 14a, 14b defining an annular chamber 20, each stator blade module including an elongated blade portion 16. The elongated blade portion further includes a longitudinal passageway 26 and an inner portion 38 brazed to a first longitudinal end of the blade portion, the inner portion 38 including a through hole 42 forming a portion of the annular chamber 20 and an inner passageway extending from the through hole to the longitudinal passageway. An outer portion 52 is brazed to a second longitudinal end of the blade portion and engaged to the steam turbine. The outer portion 52 includes an outer passageway open to a surface of the steam turbine and the longitudinal passageway.

IPC 8 full level
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CPC (source: EP KR RU US)
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Cited by
ITCO20130051A1; US11333029B2; WO2015059078A1; EP3215715B1

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DOCDB simple family (publication)
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