

Title (en)

Stator vane for an axial-flow turbomachine and corresponding stator vane assembly

Title (de)

Leitschaufel für eine axial durchströmbare Turbomaschine und zugehörige Leitschaufelanordnung

Title (fr)

Aube statorique pour une turbomachine à flux axial et agencement associé d'aubes statoriques

Publication

EP 2295724 B1 20120229 (DE)

Application

EP 09011070 A 20090828

Priority

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Abstract (en)

[origin: EP2295724A1] The blade (10) has a blade root (12) including a projecting shaped piece (24) at a side, and a threaded hole (26) formed in the piece for radial tensioning of the blade in a circumferential groove of a carrier structure of a turbomachine using a tensioning screw. The tensioning screw is screwed into the threaded hole and supported on a bottom of the circumferential groove. The blade root has a recess (29) on another side for accommodating another projecting shaped piece of adjacent stator blade, and has another tensioning screw screwed into the latter piece.

IPC 8 full level

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CPC (source: EP US)

F01D 5/3038 (2013.01 - EP US); **F01D 5/32** (2013.01 - EP US); **F01D 9/042** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F04D 29/644** (2013.01 - EP US)

Cited by

EP2888450A4; EP3339608A3; WO2014062270A2; WO2013102591A1

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