

Title (en)

Turbine rotor and blade assembly with blind holes and corresponding steam turbine

Title (de)

Turbinenrotor und Laufschaufelanordnung mit Sacklöchern und zugehörige Dampfturbine

Title (fr)

Agencement de rotor de turbine et d'aube avec des trous borgnes et turbine à vapeur associée

Publication

**EP 2672067 A1 20131211 (EN)**

Application

**EP 13170089 A 20130531**

Priority

US 201213489495 A 20120606

Abstract (en)

The present application provides a turbine rotor and blade assembly for a steam turbine. The turbine rotor and blade assembly may include a rotor 120, a number of buckets 140 positioned about the rotor 120, a locking blade 170 positioned about the rotor 120, and a blind hole 210 positioned about the rotor 120 adjacent to the locking blade 170.

IPC 8 full level

**F01D 5/30** (2006.01); **F01D 5/32** (2006.01)

CPC (source: EP US)

**F01D 5/3038** (2013.01 - EP US); **F01D 5/326** (2013.01 - EP US); **F01D 5/3023** (2013.01 - EP US); **F01D 5/303** (2013.01 - EP US); **F01D 5/32** (2013.01 - EP US); **F05D 2260/941** (2013.01 - EP US); **F05D 2270/114** (2013.01 - EP US)

Citation (search report)

- [X] GB 122455 A 19190121 - CHARLES ALGERNON PARSONS, et al
- [X] US 1829881 A 19311103 - TUCKER WILLIAM B
- [E] WO 2013102591 A1 20130711 - SIEMENS AG [DE]
- [A] DE 1197095 B 19650722 - SIEMENS AG

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2672067 A1 20131211**; CN 103470307 A 20131225; JP 2013253597 A 20131219; RU 2013125740 A 20141210; US 2013330198 A1 20131212

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