

Title (en)

Turbine Shroud Impingement System With Bellows

Title (de)

Turbinenummantelungsaufprallsystem mit Balgen

Title (fr)

Système de projection de carénage de turbine avec soufflet

Publication

EP 2574730 A3 20140917 (EN)

Application

EP 12186192 A 20120926

Priority

US 201113249554 A 20110930

Abstract (en)

[origin: EP2574730A2] The present application provides a turbine shroud impingement system (130). The turbine shroud impingement system (130) may include a turbine shroud segment (110), an impingement box (140) positioned within the turbine shroud segment (110), a feed tube (220) in communication with the impingement box (140), and a bellows (230) positioned about feed tube (220).

IPC 8 full level

F01D 9/04 (2006.01); **F01D 9/06** (2006.01)

CPC (source: EP US)

F01D 11/24 (2013.01 - EP US); **F05D 2240/11** (2013.01 - EP US); **F05D 2250/183** (2013.01 - EP US); **F05D 2260/201** (2013.01 - EP US)

Citation (search report)

- [XAY] US 4596116 A 19860624 - MANDET GERARD M F [FR], et al
- [YA] US 6997673 B2 20060214 - MORRIS MARK C [US], et al
- [Y] US 7625175 B2 20091201 - DERVAUX ALEXANDRE [FR], et al
- [A] GB 2432888 A 20070606 - ROLLS ROYCE PLC [GB]

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EP3214274A1

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 2574730 A2 20130403; EP 2574730 A3 20140917; CN 103032114 A 20130410; US 2013084160 A1 20130404

DOCDB simple family (application)

EP 12186192 A 20120926; CN 201210368092 A 20120928; US 201113249554 A 20110930