

Title (en)
Turbine diffuser

Title (de)
Turbinendiffusor

Title (fr)
Diffuseur de turbine

Publication
EP 2740897 A1 20140611 (EN)

Application
EP 12198699 A 20121220

Priority
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Abstract (en)
The present invention provides a diffuser (100) for use with a gas turbine (10). The diffuser (100) may include hub (120), a number of struts (110) extending from the hub (120), and a number of airfoils (130) extending from the hub (120).

IPC 8 full level
F01D 5/14 (2006.01)

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Citation (search report)

- [XYI] WO 2005100752 A1 20051027 - NORRIS THOMAS R [US]
- [Y] US 2314572 A 19430323 - CHITZ HERMAN E
- [Y] US 2011052373 A1 20110303 - SPARKS SCOTT MATTHEW [US]
- [Y] EP 0978632 A1 20000209 - ASEA BROWN BOVERI [CH]
- [A] US 4023350 A 19770517 - HOVAN EDWARD JOHN, et al

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RU 2012158350 A 20140710

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