

Title (en)  
Diffuser for turbomachines

Title (de)  
Diffusor für Turbomaschinen

Title (fr)  
Diffuseur pour turbomachines

Publication  
**EP 2677123 B2 20180425 (EN)**

Application  
**EP 12172393 A 20120618**

Priority  
EP 12172393 A 20120618

Abstract (en)  
[origin: EP2677123A1] A diffuser is described with an entry section close to the last stage of a turbine having an outer wall including several subsequent straight wall parts at an angle to each other followed by a curved wall part with the curved wall part connecting the straight wall parts to a diffuser lip or exit and having as vertical cross-section a non-circular 2 nd order curve, preferably part of an elliptic curve.

IPC 8 full level  
**F01D 25/30** (2006.01); **F01D 1/02** (2006.01)

CPC (source: EP US)  
**F01D 1/02** (2013.01 - US); **F01D 25/30** (2013.01 - EP US)

Cited by  
EP3967848A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 12172393 A 20120618**; CN 201310240850 A 20130618; JP 2013127715 A 20130618; US 201313919332 A 20130617