

Title (en)  
LIGHTWEIGHT SHROUDED FAN

Title (de)  
LEICHTGEWICHTIGER MANTELLÜFTER

Title (fr)  
SOUFFLANTE CARÉNÉE LÉGÈRE

Publication  
**EP 2935791 A1 20151028 (EN)**

Application  
**EP 13864578 A 20131216**

Priority  
• US 201213719859 A 20121219  
• US 2013075260 W 20131216

Abstract (en)  
[origin: WO2014099713A1] A gas turbine engine according to an exemplary aspect of the present disclosure includes, among other things, a fan section including a fan with a plurality of fan blades rotatable about an axis and a shroud and a speed change device in communication with the fan.

IPC 8 full level  
**F01D 5/22** (2006.01); **F02C 7/00** (2006.01)

CPC (source: EP US)  
**F01D 5/225** (2013.01 - EP US); **F01D 11/02** (2013.01 - EP US); **F02C 3/107** (2013.01 - EP US); **F04D 27/004** (2013.01 - US); **F04D 27/0261** (2013.01 - EP US); **F04D 29/164** (2013.01 - EP US); **F04D 29/321** (2013.01 - EP US); **F04D 29/326** (2013.01 - EP US); **F05D 2220/36** (2013.01 - EP US); **F05D 2300/603** (2013.01 - EP US); **Y02B 30/70** (2013.01 - EP); **Y02T 50/60** (2013.01 - EP US); **Y10T 29/49229** (2015.01 - EP US)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014099713 A1 20140626**; EP 2935791 A1 20151028; EP 2935791 A4 20160120; US 2014212261 A1 20140731

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**US 2013075260 W 20131216**; EP 13864578 A 20131216; US 201213719859 A 20121219