

Title (en)

THRUST EFFICIENT TURBOFAN ENGINE

Title (de)

TURBOLÜFTERTRIEBWERK MIT EFFIZIENTEM SCHUB

Title (fr)

MOTEUR À DOUBLE FLUX À POUSSÉE EFFICACE

Publication

**EP 2971726 A4 20161116 (EN)**

Application

**EP 14807688 A 20140314**

Priority

- US 201361787321 P 20130315
- US 201313854225 A 20130401
- US 201361884327 P 20130930
- US 2014027105 W 20140314

Abstract (en)

[origin: WO2014197075A2] A disclosed turbofan engine includes a gas generator section for generating a gas stream flow. A speed reduction device is driven by the power turbine. A propulsor section includes a fan driven by the power turbine through the speed reduction device at a second speed lower than the first speed for generating propulsive thrust as a mass flow rate of air through a bypass flow path. The fan includes a tip diameter greater than about fifty (50) inches and an Engine Unit Thrust Parameter ("EUTP") defined as net engine thrust divided by a product of the mass flow rate of air through the bypass flow path, a tip diameter of the fan and the first rotational speed of the power turbine is less than about 0.30 at a take-off condition.

IPC 8 full level

**F02C 7/36** (2006.01); **F02K 3/06** (2006.01)

CPC (source: EP)

**F02C 7/36** (2013.01); **F02K 3/06** (2013.01); **F05D 2260/40311** (2013.01)

Citation (search report)

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- See references of WO 2014197075A2

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Designated contracting state (EPC)

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