

Title (en)

INTAKE CONE FOR A JET ENGINE

Title (de)

EINTRITTSKONUS FÜR EIN STRAHLTRIEBWERK

Title (fr)

CÔNE D'ENTRÉE POUR UN MOTEUR À RÉACTION

Publication

EP 2064427 A1 20090603 (DE)

Application

EP 07801348 A 20070918

Priority

- DE 2007001683 W 20070918
- DE 102006044968 A 20060923

Abstract (en)

[origin: WO2008034425A1] The invention relates to an intake cone (1) for a jet engine (10) configured as a bypass power unit, having an engine core region (11) and a cladding region (12) surrounding the same, wherein the intake cone (1) is disposed concentrically in the air intake region of the jet engine (10) and at a rotatably mounted shaft (14), wherein the intake cone (1) has a cone angle (15), on which solids (16) impinging upon the intake cone (1) together with the air stream bounce off the same in movement paths (17), which guide the solids (16) predominantly into the cladding region (12). In this way, an intake cone (1) is created, in which the intake of solids (16) into the jet engine region (11) can be minimized.

IPC 8 full level

F02C 7/05 (2006.01)

CPC (source: EP US)

F02C 7/05 (2013.01 - EP US); **F02K 3/06** (2013.01 - EP US); **F05D 2250/232** (2013.01 - EP US)

Citation (search report)

See references of WO 2008034425A1

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008034425 A1 20080327; CA 2664107 A1 20080327; DE 102006044968 A1 20080403; EP 2064427 A1 20090603; US 2010119376 A1 20100513

DOCDB simple family (application)

DE 2007001683 W 20070918; CA 2664107 A 20070918; DE 102006044968 A 20060923; EP 07801348 A 20070918; US 44252007 A 20070918