

Title (en)

PROCESS FOR MANUFACTURING AN ACOUSTIC PANEL FOR AN AIRCRAFT NACELLE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER AKUSTISCHEN PLATTE FÜR EINE TRIEBWERKSGONDEL EINES FLUGZEUGES

Title (fr)

PROCÉDÉ DE FABRICATION DE PANNEAU ACOUSTIQUE POUR NACELLE D'AÉRONEF

Publication

EP 2510514 A1 20121017 (FR)

Application

EP 10801630 A 20101206

Priority

- FR 0905998 A 20091211
- FR 2010052619 W 20101206

Abstract (en)

[origin: WO2011070279A1] Process for manufacturing an acoustic panel for an aircraft nacelle. The invention relates to a process for manufacturing an acoustic panel (1) for a nacelle of an aircraft, said panel (1) comprising a metallic acoustic absorption structure (7) and an acoustic skin (3) having a multitude of acoustic openings (5), said process comprising: - a step A in which a layer (21) is formed that contains a polymerizable insulating material around the acoustic openings (5) of the acoustic skin (3), said insulating material being configured to protect the acoustic absorption structure (7) from corrosion; - a step B in which the layer (21) thus obtained is solidified by polymerization.

IPC 8 full level

G10K 11/168 (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP US)

B32B 3/12 (2013.01 - EP US); **B32B 15/08** (2013.01 - EP US); **B32B 15/20** (2013.01 - EP US); **B64D 33/02** (2013.01 - EP US); **G10K 11/172** (2013.01 - EP US); **B64D 2033/0206** (2013.01 - EP US); **B64D 2033/0286** (2013.01 - EP US); **Y10T 156/10** (2015.01 - EP US)

Citation (search report)

See references of WO 2011070279A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011070279 A1 20110616; BR 112012011843 A2 20160315; CA 2780191 A1 20110616; CN 102652335 A 20120829; EP 2510514 A1 20121017; FR 2953973 A1 20110617; RU 2012128425 A 20140120; US 2012291937 A1 20121122

DOCDB simple family (application)

FR 2010052619 W 20101206; BR 112012011843 A 20101206; CA 2780191 A 20101206; CN 201080055052 A 20101206; EP 10801630 A 20101206; FR 0905998 A 20091211; RU 2012128425 A 20101206; US 201013515154 A 20101206