

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
05 November 2020 (05.11.2020)



(10) International Publication Number
WO 2020/222667 A1

(51) International Patent Classification:

G10K 11/16 (2006.01) *B64F 1/26* (2006.01)
F02K 1/34 (2006.01) *E01F 8/00* (2006.01)

(21) International Application Number:

PCT/PT2019/050008

(22) International Filing Date:

29 April 2019 (29.04.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant: **VALIS- ENGENHARIA E INOVAÇÃO, S.A.** [PT/PT]; R. INACIO PERDIGÃO LOTE 7, ZI, 2500-755 CALDAS DA RAINHA (PT).

(72) Inventor: **MARQUES LITO VELEZ GRILO, Vasco Maria;** R. INACIO PERDIGÃO LOTE 7, ZI, 2500-755 CALDAS DA RAINHA (PT).

(74) Agent: **RUI DO NASCIMENTO GOMES;** Rua Vitor Cordon 10A, 1249-103 Lisboa (PT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available):

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,

KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE

(54) Title: SOUND INSULATING PANEL SUITABLE FOR USE AS A DEFLECTING SURFACE IN JET BLAST DEFLECTORS

(57) Abstract: The present application relates to a sound insulating panel, suitable for use as a deflecting surface in jet blast deflectors. Therefore, it is described a jet blast deflector fence, comprised of detachable sound insulating panels, forming a modular deflecting and noise absorbing surface, covering its entire frontal area that is aligned with the aircraft. This approach favours not only the maintenance procedures of the fence, but also allows noise absorption, in addition to redirecting the high energy exhausted from a jet engine.

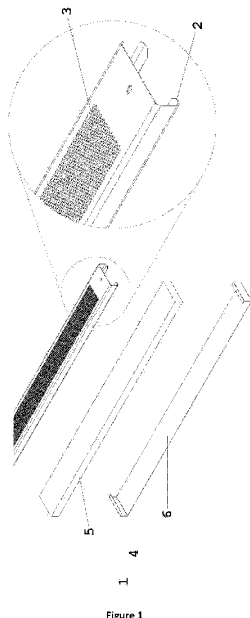


Figure 1



WO 2020/222667 A1