



(43) International Publication Date
23 August 2012 (23.08.2012)

(51) International Patent Classification:
F41H 3/00 (2006.01) *B64D 7/00* (2006.01)

(21) International Application Number:
PCT/IB2012/000242

(22) International Filing Date:
13 February 2012 (13.02.2012)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data:
TO2011A000123 14 February 2011 (14.02.2011) IT

(71) Applicant (for all designated States except US): **ALENIA AERMACCHI S.P.A.** [IT/IT]; Via Ing. Paolo Foresio, 1, I-21040 Venegono Superiore (Varese) (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MERLO, Emanuele** [IT/IT]; Corso Liberazione, 81, I-28041 Arona (NO) (IT).
BRENNI, Fabio [IT/IT]; Via Marconi, 7, I-22010 Moltrasio (CO) (IT).

(74) Agent: **DI GENNARO, Sergio**; c/o BARZANÒ & ZANARDO MILANO S.p.A., Corso Vittorio Emanuele II, 61, I-10128 Torino (IT).

(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, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: EQUIPMENT FOR THE REDUCTION OF THE RADAR MARKING FOR AIRCRAFTS

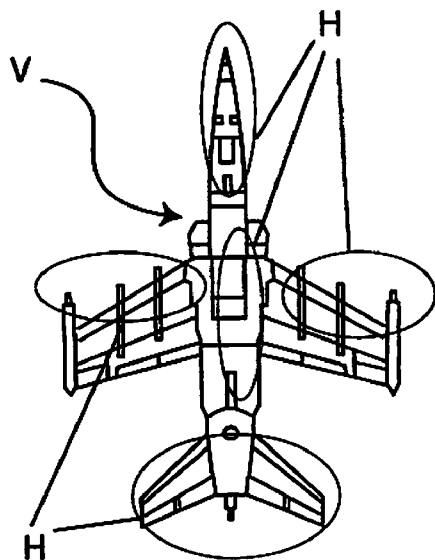


Fig. 1A

(57) Abstract: Equipment for the reduction of the radar marking of an aircraft V, which can be applied to at least one hot portion H of the aircraft, chosen from the following: a piloting cabin or cockpit, comprising at least one transparent portion; a first frame of the fuselage; a plurality of junction edges of components, including wings, tail veulings and engine air intakes; at least one motor face. Said equipment comprises at least one device for dissipating incident radar waves, which can be removably applied to at least one hot portion H of the aircraft without affecting the aerodynamic characteristics of the aircraft V.



Published:

— with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))