

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
28 May 2020 (28.05.2020)



(10) International Publication Number
WO 2020/104729 A1

(51) International Patent Classification:

A47F 5/08 (2006.01) *A61G 1/06* (2006.01)
A47B 5/04 (2006.01) *A61G 3/02* (2006.01)
A47B 46/00 (2006.01)

(21) International Application Number:

PCT/FI2019/050833

(22) International Filing Date:

21 November 2019 (21.11.2019)

(25) Filing Language:

Finnish

(26) Publication Language:

English

(30) Priority Data:

20185993 23 November 2018 (23.11.2018) FI

(71) Applicant: **FRESTEMS OY** [FI/FI]; Ahertajankatu 16,
38250 Sastamala (FI).

(72) Inventors: **VUORENOJA, Ari-Matti**; c/o Frestems Oy,
Ahertajankatu 16, 38250 Sastamala (FI). **HIETARANTA,
Marko**; c/o Frestems Oy, Ahertajankatu 16, 38250 Sas-
tamala (FI). **HIETARANTA, Markus**; c/o Frestems Oy,
Ahertajankatu 16, 38250 Sastamala (FI).

(74) Agent: **KOLSTER OY AB**; (Salmisaarenaukio 1),
P.O.Box 204, 00181 Helsinki (FI).

(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,

(54) Title: ARRANGEMENT FOR MOUNTING A PLANE ON A WALL

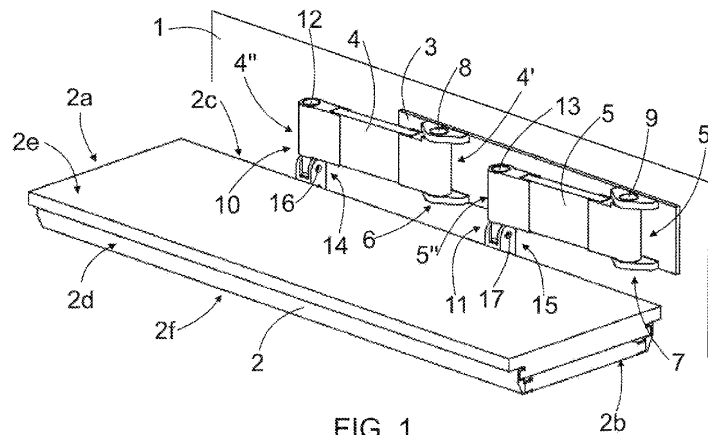


FIG. 1

(57) Abstract: Arrangement for mounting a plane (2) on a wall (1). The arrangement comprises said plane (2) and, supporting said plane (2), a first support arm (4) and a second support arm (5), the support arms (4, 5) are connectable to the wall (1) by their first end (4', 5') by means of a first joint arrangement (6, 7) so that the support arms (4, 5) are turnable in a substantially horizontal plane in relation to the wall (1). The support arms (4, 5) are mounted in connection with the plane (2) by their second ends (4'', 5'') by means of a second joint arrangement (10, 11) connected the second end (4'', 5'') of the support arm (4, 5). The second joint arrangement (10, 11) comprises a joint (14, 15) provided with a substantially horizontal turning axis, whereby said plane (2) is turnable to a substantially horizontal usage position and a substantially vertical storage position by means of said joints (14, 15) provided with a substantially horizontal turning axis.

[Continued on next page]

WO 2020/104729 A1

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).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

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*