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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
07 December 2017 (07.12.2017)

WIPO | PCT

(10) International Publication Number
WO 2017/209614 A3

(51) International Patent Classification:
*E06B 9/262* (2006.01) *E06B 9/52* (2006.01)

(21) International Application Number:
PCT/NL2017/050360

(22) International Filing Date:
02 June 2017 (02.06.2017)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2016894 03 June 2016 (03.06.2016) NL
2016942 10 June 2016 (10.06.2016) NL

(71) Applicant: **HORREX HORREN B.V.** [NL/NL]; Van Hennaertweg 27, 2952 CA Alblasserdam (NL).

(72) Inventor: **GENNISSEN, Eduardus Leonardus**; c/o Van Hennaertweg 27, 2952 CA Alblasserdam (NL).

(74) Agent: **JANSEN, C.m.**; V.O., Carnegieplein 5, 2517 KJ Den Haag (NL).

(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, 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).

(54) Title: COVERING ASSEMBLY, PREFERABLY AN INSECT SCREEN ASSEMBLY

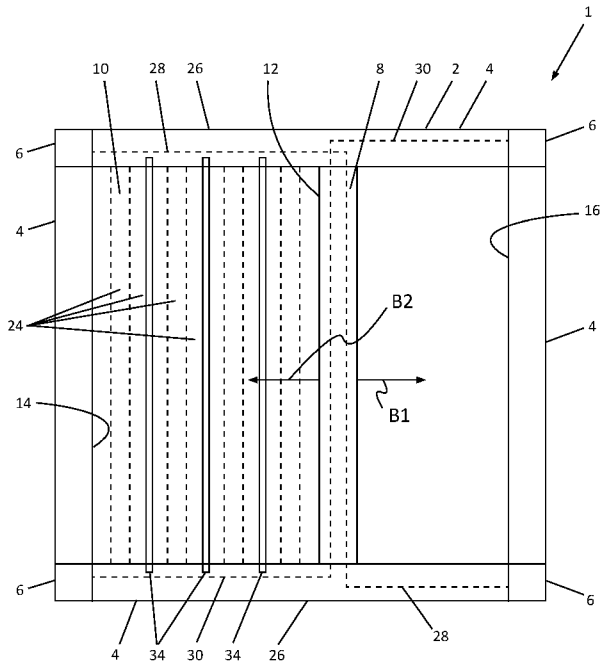



Fig. 1A

(57) Abstract: The invention relates a covering assembly, such as an insect screen assembly, for a living space, a door or window, e.g. of a vehicle. The assembly includes an assembly frame and at least one movable beam, movable with respect to the assembly frame. The assembly includes a covering connected to the at least one movable beam, so as to be moved between a first and a second position. The covering includes a honeycomb covering.

[Continued on next page]

WO 2017/209614 A3

**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))*

**(88) Date of publication of the international search report:**

11 January 2018 (11.01.2018)

# INTERNATIONAL SEARCH REPORT

International application No
PCT/NL2017/050360

A. CLASSIFICATION OF SUBJECT MATTER
INV. E06B9/262 E06B9/52
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
E06B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| X | EP 0 549 209 A1 (METACO INC [JP]) 30 June 1993 (1993-06-30) | 1-4, 26-29, 36,37,52 |
| Y | figures 1, 7<br>column 2, line 34 - line 37<br>column 8, line 55 - column 9, line 4<br>column 3, line 44 - line 48 | 6-8, 31-33 |
| | ----- | |
| X | GB 2 233 895 A (HUNTER DOUGLAS IND BV [NL]) 23 January 1991 (1991-01-23) | 39-42, 53-55 |
| Y | abstract; figure 1<br>page 2, line 22 - line 24<br>page 4, line 10 - line 17 | 6-8, 31-33 |
| | ----- | |
| X | EP 2 395 194 A1 (STILA AS [DK]) 14 December 2011 (2011-12-14) | 26-28, 30,37 |
| Y | paragraph [0045]; figure 2 | 5 |
| A | | 42 |
| | ----- | |
| | -/-- | |

[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

| Date of the actual completion of the international search | Date of mailing of the international search report |
|---|---|
| 29 November 2017 | 08/12/2017 |

| Name and mailing address of the ISA/ | Authorized officer |
|---|---|
| European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040,<br>Fax: (+31-70) 340-3016 | Cornu, Olivier |

# INTERNATIONAL SEARCH REPORT

International application No
PCT/NL2017/050360

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| Y | CN 105 041 176 A (HANGZHOU JINBAIHE NON WOVEN CO LTD)<br>11 November 2015 (2015-11-11)<br>the whole document<br>----- | 5 |

# INTERNATIONAL SEARCH REPORT

International application No.
PCT/NL2017/050360

**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. ☒ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

1-8, 26-33, 36, 37, 39-42, 52-55

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

☒ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4, 6-8, 26-29, 31-33, 36, 37, 39-42, 52-55

   Covering assembly, preferably an insect screen assembly, comprising one or more stiffening ribs.

   ---

2. claims: 5, 30

   Covering assembly, preferably an insect screen assembly,comprising a honeycomb screen, respectively, a honeycomb covering, whereby the assembly is free from cords extending through the screen resp. the covering.

   ---

3. claims: 9, 10, 34, 35, 43-51, 56

   Curved covering assembly, preferably an insect screen assembly

   ---

4. claims: 11, 12, 38

   Covering assembly comprising a honeycomb covering, preferably an insect screen assembly comprising a honeycomb screen, comprising a further shade.

   ---

5. claims: 13-25

   Insect screen unit or enclosing unit including one or more walls.

   ---

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/NL2017/050360

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---|---|---|
| EP 0549209 A1 | 30-06-1993 | AT 243805 T | 15-07-2003 |
| | | AU 664397 B2 | 16-11-1995 |
| | | CA 2084915 A1 | 27-06-1993 |
| | | CN 1074363 A | 21-07-1993 |
| | | DE 69233107 D1 | 31-07-2003 |
| | | DE 69233107 T2 | 06-05-2004 |
| | | EP 0549209 A1 | 30-06-1993 |
| | | EP 1118745 A2 | 25-07-2001 |
| | | ES 2195997 T3 | 16-12-2003 |
| | | JP 2749473 B2 | 13-05-1998 |
| | | JP H05179875 A | 20-07-1993 |
| | | US 5351737 A | 04-10-1994 |
| GB 2233895 A | 23-01-1991 | NONE | |
| EP 2395194 A1 | 14-12-2011 | NONE | |
| CN 105041176 A | 11-11-2015 | NONE | |