Title: DELINEATOR WITH CONFIGURABLE REFLECTOR

Abstract: A delineator includes a delineator body, a positioning member, and a reflective sheet. The delineator body and the positioning member include mounting features adapted to mate with each other at a plurality of positions corresponding to different positions of the positioning member on the delineator body. By selecting one of the different positions of the positioning member on the delineator body, the user can select a visibility configuration of the delineator. In some cases the reflective sheet may be bonded to the positioning member, so that the reflective sheet is positioned at a particular place on the delineator and visible to an observer when the positioning member is mounted in the selected position. In other cases the reflective sheet may be bonded to the delineator body, and the positioning member may cover one portion of the reflective sheet and leave another portion of the reflective sheet exposed to an observer.

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: 27 October 2011
INTERNATIONAL SEARCH REPORT

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.: 7, 16-19 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:

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 fee, this Authority did not invite payment of any additional fee.

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.:

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.

Form PCT/ISA/210 (continuation of first sheet (2)) (July 2009)
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

E01F 9/015(2006.01)i, E01F 9/011(2006.01)i

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)
E01F 9/015; E01F 9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
KOMPASS(KIPO internal) & Keywords: delineator, positioning member, mounting features, delineator body, and visibility configuration.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tbody>
<tr>
<td>A</td>
<td>US 04245922A A (AURISTMA: ROBERT S.) 20 January 1981 see claims 1-9 and figures 1-7.</td>
<td>1-6,8-15,20</td>
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<td>A</td>
<td>US 2010-0265337 A1 (LAPINTE JEAN et al.) 21 October 2010 see claims 1-17 and figure 1.</td>
<td>1-6,8-15,20</td>
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<td>A</td>
<td>JP 38393020 B2 (SEKISUI JUSHI CO., LTD.) 11 October 2006 see claims 1-7 and figures 1-5.</td>
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☐ Further documents are listed in the continuation of Box C.  ☒ 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 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
31 AUGUST 2011 (31.08.2011)

Date of mailing of the international search report
31 AUGUST 2011 (31.08.2011)

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<tr>
<td>US 04245922A A</td>
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