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### About this file: EP4012457

| <b>EP4012457 - HYBRID MULTI-LAYER SENSOR AND METHOD FOR LARGE FLUENCE DOSIMETRY AND FLUXMETRY</b> [Right-click to bookmark this link] |   |   |                                       |
|---|---|---|---------------------------------------|
| <b>Status</b>   | Request for examination was made<br><i>Status updated on 13.05.2022</i><br><i>Database last updated on 01.07.2022</i> |   |                                       |
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| <b>Applicant(s)</b>   | For all designated states<br>Vilnius University<br>Universiteto st. 3<br>01513 Vilnius / LT<br>[2022/24]              |   |                                       |
| <b>Inventor(s)</b>  | 01 / Gaubas, Eugenijus<br>06203 Vilnius / LT  |   |                                       |
|   | 02 / Ceponis, Tomas<br>04116 Vilnius / LT   |   |                                       |
|   | 03 / Deveikis, Laimonas<br>10316 Vilnius / LT   |   |                                       |
|   | 04 / Pavlov, Jevgenij<br>06294 Vilnius / LT   |   |                                       |
|   | 05 / Rumbauskas, Vytautas<br>10230 Vilnius / LT<br>[2022/24]  |   |                                       |
| <b>Representative(s)</b>  | Klimaitiene , Otilija<br>AAA Law<br>P.O.Box 33<br>A. Gostauto street 40B<br>03163 Vilnius / LT<br>[2022/24]           |   |                                       |
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| <b>Extension states</b>              | BA   | Not yet paid  |            |
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| <b>Validation states</b>             | KH   | Not yet paid  |            |
|                                      | MA   | Not yet paid  |            |
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|                                      | TN   | Not yet paid  |            |
| <b>Title</b>                         | <b>German:</b>   | HYBRIDER MEHRSCICHTSENSOR UND VERFAHREN ZUR GROSSFLUENZDOSIMETRIE UND FLUSSMESSUNG  | [2022/24]  |
|                                      | <b>English:</b>  | HYBRID MULTI-LAYER SENSOR AND METHOD FOR LARGE FLUENCE DOSIMETRY AND FLUXMETRY  | [2022/24]  |
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| <b>Examination procedure</b>         | 03.12.2021   | Amendment by applicant (claims and/or description)  |            |
|                                      | 10.12.2021   | Examination requested [2022/24]   |            |
|                                      | 10.12.2021   | Date on which the examining division has become responsible   |            |
| <b>Documents cited:</b>              | <b>Search</b>  | [A] - GAUBAS E ET AL, "Carrier decay and luminescence characteristics in hadron irradiated MOCVD GaN", JOURNAL OF INSTRUMENTATION, INSTITUTE OF PHYSICS PUBLISHING, BRISTOL, GB, vol. 9, no. 12, doi:10.1088/1748-0221/9/12/C12044, ISSN 1748-0221, (20141219), (20141219), XP020275344 [A] 1-14 * abstract * * page 1, paragraph 2 - page 2 * * page 6, paragraph 5 - page 7 * |            |
|                                      |  | [A] - GAUBAS E ET AL, "variations of proton-induced luminescence in ZnSe crystals", JOURNAL OF PHYSICS D: APPLIED PHYSICS, INSTITUTE OF PHYSICS PUBLISHING LTD, GB, vol. 47, no. 26, doi:10.1088/0022-3727/47/26/265102, ISSN 0022-3727, (20140610), page 265102, (20140610), XP020266384 [A] 1-14 * page 2, paragraph 2; figure 1 *  |            |
|                                      | <b>by applicant</b>  | <a href="http://dx.doi.org/10.1088/1748-0221/9/12/C12044">DOI: http://dx.doi.org/10.1088/1748-0221/9/12/C12044</a><br><a href="http://dx.doi.org/10.1088/0022-3727/47/26/265102">DOI: http://dx.doi.org/10.1088/0022-3727/47/26/265102</a><br>JPH06123777   |            |

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|  | <p>- J. H. JUNGMANN-SMITH et al., "Radiation hardness assessment of the charge-integrating hybrid pixel detector JUNGFR AU 1.0 for photon science", Review of Scientific Instruments, vol. 86, (20150000), page 123110, URL: <a href="https://dx.doi.org/10.1063/1.4938166">https://dx.doi.org/10.1063/1.4938166</a></p>   |