



Literature Listing

ARTICLE INFO

Keywords:

Patents
Designs
Trade marks
Literature listing
Patent analysis
Current awareness

ABSTRACT

The quarterly Literature Listing is intended as a current awareness service for readers indicating newly published books, journal and conference articles on: patent search techniques, databases, analysis and classifications; patent searcher certification; patents relating to a) life sciences and pharmaceuticals and b) software; patent policy and strategic issues; trade marks; designs; domain names; and articles reviewing historical aspects of intellectual property or reviewing specific topics/persons. The current Literature Listing was compiled end February 2018. Key resources used are Scopus, Digital Commons, publishers' RSS feeds, and serendipity! Please feel free to send the author details of newly published reports/monographs/books for potential inclusion.

1. Books

1.1. Recent reports and other monographs

Patent Intensity and Economic Growth. Benoliel D., 2017, Cambridge Intellectual Property and Information Law, Volume 38, Cambridge University Press, ISBN: 9781107098909, 358 pages.

Patents and the Fourth Industrial Revolution. The inventions behind digital transformation. Ménière Y., Rudyk I., Valdes J., 2017, EPO, ISBN: 978-3-89605-200-1, 100 pages. [http://documents.epo.org/projects/babylon/eponet.nsf/0/17FDB5538E87B4B9C12581EF0045762F/\\$FILE/fourth_industrial_revolution_2017_en.pdf](http://documents.epo.org/projects/babylon/eponet.nsf/0/17FDB5538E87B4B9C12581EF0045762F/$FILE/fourth_industrial_revolution_2017_en.pdf)

Plants, People and Practices: The Nature and History of the UPOV Convention. Sanderson J., 2017, Cambridge Intellectual Property and Information Law, Cambridge University Press, ISBN: 978-1107126497, 356 pages.

Research Handbook on Intellectual Property and the Life Sciences: Research Handbooks in Intellectual Property Series. Matthews D., Zech H., 2017, Edward Elgar Publishing, ISBN: 978 1 78347 944 3, 508 pages. <http://dx.doi.org/10.4337/9781783479450>

Towards Intellectual Property Rights Management. Back-office and Front-office Perspectives. Modic D., Damij N., 2018, Palgrave Macmillan, Cham, ISBN: 978-3-319-69011-7. <https://doi.org/10.1007/978-3-319-69011-7>

World Intellectual Property Indicators 2017. Economics & Statistics Series. WIPO Publication No. 941E, ISBN: 978-92-805-2903-6, 226 pages. http://www.wipo.int/edocs/pubdocs/en/wipo_pub_941_2017.pdf

2. Journals

The listing in this issue includes entries found using SciVerse Scopus™, Elsevier's abstract and indexing database which gives access to more than 5000 international publishers. Conference papers and book chapters are also included.

2.1. Search techniques, databases and analysis: classification: searcher certification

2.1.1. Search techniques, databases

A hierarchical feature extraction model for multi-label mechanical patent classification. Hu J., Li S., Hu J., Yang G., 2018, Sustainability, 10 (1), Article 219, 22 pages. <http://dx.doi.org/10.3390/su10010219>

A literature review on patent information retrieval techniques. Khode A., Jambhorkar S., 2017, Indian Journal of Science and Technology, 10 (37), 13 pages. <http://dx.doi.org/10.17485/ijst/2017/v10i37/116435>

A patent quality classification model based on an artificial immune system. Tsao C.-C., Chang P.-C., Fan C.-Y., Chang S.-H., Phillips F., 2017, Soft Computing, 21 (11), 2847-2856. <http://dx.doi.org/10.1007/s00500-016-2212-0>

An initial study of anchor selection in patent link discovery. Seneviratne D., Geva S., Zuccon G., Trotman A., 2017, 22nd Australasian Document Computing Symposium [ADCS 2017], Article 10, ISBN: 978-1-4503-6391-4. <https://doi.org/10.1145/3166072.3166078>

An investigation of the intellectual structure of opinion mining research. Zhu Y., Kim M.C., Chen C., 2017, Information Research, 22 (1). <http://www.informationr.net/ir/22-1/paper739.html>

Analogy retrieval through textual inference. Sanaei R., Lu W., Blessing L.T.M., Otto K.N., Wood K.L., 2017, ASME Design Engineering Technical Conference, 2A-2017. <http://dx.doi.org/10.1115/DETC2017-67943>

Application of the AHP/ANP to invention problems. Andreichicov A.V., Zudinov A.A., Andreichicova O.N., 2017, International Conference Quality Management, Transport and Information Security, Information Technologies [IT and QM and IS 2017], 8085862, 458-462. <http://dx.doi.org/10.1109/ITMQIS.2017.8085862>

Co-words network in Mexican bibliometrics [Red de co-palabras en la bibliometría Mexicana]. Restrepo-Arango C., Urbizagástegui-Alvarado R., 2017, Investigación Bibliotecológica, 31 (73), 17-45. <http://dx.doi.org/10.22201/iibi.24488321xe.2017.73.57845>

- Extracting topic-sensitive content from textual documents — A hybrid topic model approach. Liang Y., Liu Y., Chen C., Jiang Z., 2018, *Engineering Applications of Artificial Intelligence*, 70, 81–91. <http://dx.doi.org/10.1016/j.engappai.2017.12.010>
- FUn: A framework for interactive visualizations of large, high dimensional datasets on the web. Probst D., Reymond J.-L., 2017, *Bioinformatics*, btx760. <https://doi.org/10.1093/bioinformatics/btx760>
- HIN2Vec: Explore meta-paths in heterogeneous information networks for representation learning. Fu T.-Y., Lee W.-C., Lei Z., 2017, *International Conference on Information and Knowledge Management*, Proceedings, Part F131841, 1797–1806. <http://dx.doi.org/10.1145/3132847.3132953>
- Intellectual structure of knowledge in iMetrics: A co-word analysis. Khasseh A.A., Soheili F., Moghaddam H.S., Chelak A.M., 2017, *Information Processing and Management*, 53 (3), 705–720. <http://dx.doi.org/10.1016/j.ipm.2017.02.001>
- Knowledge extraction from textual patent data using a random forest. Tsumura T., Saitoh F., Ishizu S., 2017, *Journal of Japan Industrial Management Association*, 68 (3), 161–170. <https://doi.org/10.11221/jima.68.161>
- Models and methods of constructing the effective mechanisms to protect patent databases structures. Sirotuk V. O., 2017, *Problemy Upravleniya*, (5), 43–51. <http://mi.mathnet.ru/eng/pu/v5/p43>
- Multiclass patent document classification. Anne C., Mishra A.M., Hoque M.T., Tu S., 2018, *Artificial Intelligence Research*, 7 (1), 1–14. <http://dx.doi.org/10.5430/air.v7n1p1>
- Neural domain adaptation with contextualized character embedding for Chinese word segmentation. Bao Z., Li S., Gao S., Xu W., 2018, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10619 LNAI, 419–430. http://dx.doi.org/10.1007/978-3-319-73618-1_35
- On the patent claim eligibility prediction using text mining techniques. Lai C.-Y., Hwang S.-Y., Wei C.-P., 2018, *51st Hawaii International Conference on System Sciences*, ISBN: 978-0-9981331-1-9, 587–596. <http://hdl.handle.net/10125/49962>
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- Patent document similarity based on image analysis using the SIFT-algorithm and OCR-text. Park J.B., Mandl T., Kim D.W., 2017, *International Journal of Contents*, 13 (4), 70–79. <https://doi.org/10.5392/IJoC.2017.13.4.070>
- Patent keyword extraction algorithm based on distributed representation for patent classification. Hu J., Li S., Yao Y., Yu L., Yang G., Hu J., 2018, *Entropy*, 20 (2), 104, 19 pages. <http://dx.doi.org/10.3390/e20020104>
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- Research on multiple technology paths extraction method based on semantics: Take magnetic head of hard disk drive as example. Liang C., Guancan Y., Weijiao S., Xiaoping L., Haichao Z., 2017, *16th International Conference on Scientometrics and Informetrics [ISSI 2017]*, 928–937.
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- Text matching to measure patent similarity. Arts S., Cassiman B., Gomez J.C., 2018, *Strategic Management Journal*, 39 (1), 62–84. <http://dx.doi.org/10.1002/smj.2699>
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2.1.2. Analysis and statistics

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