WIPO STANDARDS WORKSHOP ON BLOCKCHAIN

PLR : BLOCKCHAIN TECHNOLOGY

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- 7 powerful patent analytics systems
- Proprietary methodology of tech and business consulting
- Technology and innovation development strategies
- ‘Go-to-market’ strategies
- Technological and business partners

Worldwide patent information
Scientific papers
Internet

Patent Analytics Factory

- Patent analytics professionals
- Patent examiners
- Business analysts

- Oil & gas
- Transport (avia & railways)
- Medicine
- Chemistry
- Ecology, water supply infrastructure
- ...
Brand-new concept. «Analytics-driven» research

Step 1
• Anomalies / patterns revelation

Step 2
• What is the cause of the anomaly?

Step 3
• What does it mean from the business point of view?

Step 4
• What could be recommended to Russian companies?
Blockchain Technologies (BT) are entering a mature stage both in terms of technological progress and practical implementation. The "aggregate state" of BT has changed significantly, moving from a period of inflated expectations to disillusionment. The first appearance on Gartner's hype cycle is marked in 2016, and by 2018, BT has moved past the peak to the trough of disillusionment.
DEEP TECHNICAL ANALYSIS OF BLOCKCHAIN TECHNOLOGIES

Extremely high rate of granted patents (10+% for 2 years) – a solid sign of high commercial potential of BT

The maturity and the potential of industry implementation are much higher comparing to other emerging technologies (AI, drones and so forth)
The most emerging areas are - «Smart contracts» and «Distributed ledgers»

The leader’s focus are changed from cryptocurrencies (prior to 2016) to smart contracts and distributed ledgers in 2018

The leading companies are focused towards BT-based corporate applications
All companies follow Visa

There are two citation poles: Visa Incorporated and MasterCard Incorporated.

More detailed analysis of Visa patent documents revealed that the company has focused its efforts on patenting specific cases: finance, medicine, transport and so forth.

The use of the logic of “embedding” blockchain technologies in patenting solutions and methods led to a large number of citations of Visa patents and ‘follow-up’ applications of other companies.
It should be noted that despite the presence of major international players among the leaders, Bank of America, Alibaba, IBM, Intel, Mastercard, Visa and others, the share of blockchain patents in the structure portfolios of patents of giant companies is negligible.

In this context, the most interesting for deep analysis are the portfolio structures of companies mainly specializing in blockchain technologies.
The explosive growth in the number of applications in 2017 allowed the Alibaba Group to take second place in the ranking of the number of patent families.

Analysis of the patent documents of the Alibaba Group showed that the company pays great attention to the patenting of development methods and the use of consensus algorithms. It is worth noting that previously this area as an integral part of blockchain technologies did not attract such focused attention of industry leaders and giants of online commerce.
To bring blockchain technologies to the global markets, it is important to understand who is already present in this market, how influential main competitors are.

Analysis of the most prominent countries:
- the leading companies that most actively patent the blockchain technologies
- the best patent attorneys with experience in working with patent applications in blockchain.
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