

Based on this evidence, the enforcement of intellectual property rights (IPRs) has emerged to stimulate knowledge creation [21]. As a complete tool comprising legal and regulatory rules, IPRs help safeguard knowledge against unfair competition [22]. For instance, the lack of IPR enforcement could result in environmental degradation and increased air pollution [14], ...

Join Troutman Pepper Partners Bill Belanger and Greg Len for an insightful discussion on the evolving landscape of intellectual property (IP) within the renewable energy sector. Discover the increasing trend of patent infringement litigation, the importance of a robust IP strategy, and real-world examples of how companies can protect their ...

For example, in 2013 Ecuador made a proposal to the TRIPS Council to establish "a multilateral trading system in global strategies to enhance access to clean energy, increase energy efficiency and accelerate worldwide implementation of renewable energy technologies from the standpoint of intellectual property."

Patents search portal for renewable energy technology (in collaboration with WIPO and EPO) 3. ... Draft Report on "The role of Intellectual Property Rights in the Innovation for Renewable Energy Technology" for review 6 . 7 Among the 4,551 patent families related to desalination of water; more than 20% represent desalination with renewable ...

IRENA's report, Intellectual Property Rights: The Role of Patents in Renewable Energy Technology Innovation, outlines how and when to use patents in order take renewable ...

We use a novel dataset, making use of the IPC Green Inventory of the World Intellectual Property Organization (WIPO) to analyze four broad categories of green energy technologies including ...

It remains to be seen whether such an approach to sharing intellectual property in respect of green vehicles will be taken up in other fields of renewable energy and clean technologies--particularly with the Paris ...

SIPO State Intellectual Property Office of the People's Republic of China ... of renewable energy technologies (RETs) that will play a key role in addressing the issues of energy security, energy access and climate change. Technological in-novation is achieved through a ...

The EU Intellectual Property Office (EU IPO) recently examined trends in "green" trade mark filings in its "Green EUTM Study", which was released in September 2021, and found that 9.7% of green filings concerned energy production and were dominated by terms relating to solar energy such as "photovoltaic", "solar collector" or "solar battery ...

Ahmed Abdel Latif of the International Centre for Trade and Sustainable Development and the International Renewable Energy Agency (IRENA) has maintained: "Ultimately, intellectual property rights should be seen



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in a broad context of appropriate policies, adequate institutions, and resources that both encourage low-carbon innovation and ensure ...

His Five-point Energy Plan first calls for removing intellectual property barriers so that key renewable technologies, including energy storage, are treated as global public goods. Countries also must diversify and increase access to supply chains for raw materials and components for renewables technologies, without degrading the environment.

The literature review navigates through legal frameworks encouraging renewable energy adoption and intellectual property considerations within green technologies, alongside scrutinizing the regulatory landscape and legal intricacies surrounding smart grid implementation. ... concurrently examining the role of intellectual property in fostering ...

Tesla, Intellectual Property, and Climate Change Matthew Rimmer Abstract This chapter considers Elon Musk and his company Tesla, and evaluates their statements in respect of intellectual property, open innovation, and climate change. It is worth situating the story in the context of the growing literature on intellectual property and clean ...

DOE's Office of Technology Transitions created the Visual Intellectual Property Search database, known as VIPS, to make it easier to perform intellectual property searches and find new technologies developed at DOE's 17 National Laboratories and several additional DOE plants and sites.

He joined NREL in 2008 as senior intellectual property counsel and later served as associate general counsel of intellectual property. Before joining NREL, Stolpa was in private legal practice as a registered patent attorney focused primarily on intellectual property and transactional law. ... The National Renewable Energy Laboratory is a ...

Introduction. Renewable energy credits (RECs) 1 are tradeable assets that allow a party to claim that it uses electricity produced from renewable resources. Governments and corporations have used RECs as a tool to pursue policies that support decarbonization of the electric grid, an important step in fighting the climate crisis. 2 RECs are useful for these goals ...

Posting Title Intellectual Property Paralegal- Patents Location CO - Golden Position Type Regular Hours Per Week 40 Working at NREL The National Renewable Energy Laboratory (NREL), located at ...

Intellectual property motivates resource efficiency in G7. ... Furthermore, through the transition to renewable energy sources and the embrace of cleaner technologies, countries not only combat global warming but also lay the foundation for economic growth and sustainable development. In the pursuit of resource utilization efficiency, nations ...

This energy transition to renewable energy and less carbon intensive processes requires colossal investments



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in time and money to transform existing technologies into emerging technology solutions. As energy processes solutions are improved through innovation, intellectual property (IP) protection and risk mitigation will be vital for ...

Intellectual property (IP) in renewable energy covers innovations, designs, and processes protected by patents for new technologies in generation or storage, copyrights for software and artistic ...

ated with renewable energy technologies, and whether investments in renewable energy sources (which are essential in the promotion and implementation of renewable energy sources) are correlated to, and thus can be affected by, intellectual property. The present pa-per provides a critical overview of renewable energy technologies and attempts to ...

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Private industry and governments continue to invest in wind power generation as one of the leading forms of renewable energy. The wind energy sector, therefore, finds itself at the forefront of the global initiative of moving towards sustainable energy sources. Consequently, the importance of regulating intellectual property (IP) rights within the industry has become ...

For additional information on licensing intellectual property, see the Technology Transfer Working Group Licensing Guide and Sample License. 4. Negotiate License Language ... It is intended to encourage the adoption of energy efficiency and renewable energy technologies, gives preference to U.S. small businesses, and bolsters the utilization of ...

January 18, 2022 > India > Intellectual Property. RNA Technology and IP Attorneys | View firm profile. ... The renewable energy sector has seen major investment in the past decade, as evident from many products based on India's solar cells and wind turbines. Innovative activity in green technologies, assessed on several patent filings, has ...

renewable energy technologies - holds the promise of larger scale integration of desalination with renewable energy is driven by" Report commissioned by World Intellectual Property Office (WIPO) and International Renewable Energy Agency (IRENA)

Renewables: a look at the role of IP in supporting renewables businesses, with a spotlight on a solar start-up. Digitalisation: the transformational impact of artificial intelligence and machine learning on the sector as a whole and how IP rights ...

Securing and protecting intellectual property rights in renewable energy can incentivize innovation and reward creativity for one of the most critical drivers of sustainable development. Our focus on renewable energy



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allows us to readily deploy relevant industry knowledge and legal experience for our clients. - Sujohn Das, Associate, Houston ...

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