

Wireless Charging

A Technology and Industry Research Report

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Overview

Chris Sacca, a Silicon Valley venture capitalist and an early investor on Twitter, [said](#), “We’re at a point in the state of intellectual property where existing patents probably cover every behavior that’s happening on the Internet or our cell phones.”

Sacca’s statement, may sound provocative and too general to be accurate, does makes an important point. It is evident that the wireless power industry, will be the next big focus of intellectual property marketplace. Over a hundred thousand wireless charging patents have been filed since the early 2000s (refer to Chapter 5).

The purpose of this 75+ page long report is to help readers learn in detail about wireless charging industry, technologies, market potential and trends. After reading this report, a reader could be able to predict the future of wireless power transfer industry and will understand know how of IP patent regulations and industry licensing scenarios currently prevailing in the wireless charging industry. Further gain insight into how to make most of your interest in of wireless charging and its commercial potential.

Report Layout

Chapter 1 introduces the reader to various concepts of Wireless Power Transfer (WPT) technologies and their potential applications.

Chapter 2 provides the reader a background on the various Wireless Power Transfer (WPT) technologies already developed, those being designed, and their potential applications. The chapter also introduces the reader to the different standard bodies in this space.

After introducing WPT, the following chapters will focus exclusively on WPT systems that use NFC found in over a billion devices and almost every smartphone shipped in 2021.

Chapter 3 provides a high-level and detailed look at the technical aspects of a wireless power system. It describes the critical building blocks of the system. Subsequently, it identifies the key parameters that need to be optimized for maximum performance in terms of high power and high efficiency.

Chapter 4 connects the dots from the past to the present and to the future. In this chapter, we will explore data from product launches and data from smartphone technologies (including the impact of communication technologies, batteries, fast charging), and will combine the data with the information from Chapter 2 to convey to the reader our predictions of the critical changes in technologies expected in future products.

Chapter 5 will discuss the state and relevance of Intellectual property and Licensing in the wireless power transmission industry.

Chapter 6 will round up the discussion with some crucial M&A activity that has taken place in the industry and provide a list of some key players in the industry.

Report Collaborators



Dr. Vinit Singh

Wireless Charging Tech Expert



Chirayu Parashar

Tech and IP Consultant



Deepak Patnala

IP Licensing Expert

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Reach out to us



www.lumenci.com

marketing@lumenci.com