

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Regenerative Braking Systems Market 2018, Forecast to 2023

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Abstracts

Regenerative Braking System (RBS) is a mechanism that uses a generator to recover kinetic energy while braking. In conventional vehicles, most of the kinetic energy generated during braking is converted into heat and is dissipated into the environment. RBS helps in converting the generated heat into electrical energy and further store it in an energy storage system such as flywheel, batteries, and ultra-capacitors.

SCOPE OF THE REPORT:

This report focuses on the Regenerative Braking Systems in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. In the last several years, global market of regenerative braking systems developed rapidly, with an average growth rate of 9%. In 2016, global revenue of regenerative braking systems is nearly 699 M USD; the actual consumption is about 2451 K units. The global average price of regenerative braking systems is in the decreasing trend, from 317 USD/Unit in 2012 to 258 USD/Unit in 2016. With the situation of global economy, prices will be in decreasing trend in the following five years.

The classification of regenerative braking systems includes ESC based system, ABS based system and other type, and the proportion of ESC based system in 2016 is about 89%.

Regenerative braking systems are widely used in HEV, BEV, PHEV and other vehicles. The most proportion of regenerative braking systems is HEV, and the consumption proportion in 2016 is about 69%.

Japan is the largest consumption place, with a consumption market share nearly 39% in

2016. Following Japan, China is the second largest consumption place with the consumption market share of 22%.

Market competition is intense. ADVICS, Bosch, Continental, Hitachi, TRW, etc. are the leaders of the industry, and they hold key technologies and patents, with high-end customers; have been formed in the monopoly position in the industry.

The worldwide market for Regenerative Braking Systems is expected to grow at a CAGR of roughly 9.0% over the next five years, will reach 1290 million US\$ in 2023, from 770 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ADVICS

Bosch

Continental

Hitachi

TRW

APG

Youfin

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

ESC Based System

ABS Based System

Others

Market Segment by Applications, can be divided into

Hybrid Electric Vehicles

Electric Vehicles

Plug-In Hybrid Electric Vehicles

There are 15 Chapters to deeply display the global Regenerative Braking Systems market.

Chapter 1, to describe Regenerative Braking Systems Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Regenerative Braking Systems, with sales, revenue, and price of Regenerative Braking Systems, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Regenerative Braking Systems, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Regenerative Braking Systems Market Report, 2013-2018

Chapter 12, Regenerative Braking Systems market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Regenerative Braking Systems sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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