

Catalyst Coated MEA (Membrane Electrode Assemblies) Market, Global Outlook and Forecast 2022-2028

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Abstracts

An Mea or Membrane Electrode Assembly Is The Heart Of A Pem Fuel Cell. It Contains The Materials Necessary To Facilitate Electrochemical Conversion Of A Fuel To Electrical Energy. It Consists Of A Polymer Electrode Membrane With Electrodes On Either Side. Hydrogen Enters On One Side (Anode), Where It Reacts With A Catalyst And Separates Into Protons And Electrons. The Protons Pass Through The Membrane To The Other Electrode (Cathode). Here, They Combine With Oxygen, And With The Help Of A Catalyst, Produce Water. The Electrons, Which Cannot Pass Through The Membrane, Flow From The Fuel Cell To Be Used As Electrical Energy

This report contains market size and forecasts of Catalyst Coated MEA (Membrane Electrode Assemblies) in global, including the following market information:

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Catalyst Coated MEA (Membrane Electrode Assemblies) companies in 2021 (%)

The global Catalyst Coated MEA (Membrane Electrode Assemblies) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

3-layer MEA Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Catalyst Coated MEA (Membrane Electrode Assemblies) include Toray Industries, BASF, W. L. Gore and Associates, Giner Labs, Plug Power, The Chemours Company, Ballard, Johnson Matthey and Greenerity, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Catalyst Coated MEA (Membrane Electrode Assemblies) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market Segment Percentages, by Type, 2021 (%)

3-layer MEA

5-layer MEA

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market Segment Percentages, by Application, 2021 (%)

Hydrogen Fuel Cells

Methanol Fuel Cells

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Catalyst Coated MEA (Membrane Electrode Assemblies) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Catalyst Coated MEA (Membrane Electrode Assemblies) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Catalyst Coated MEA (Membrane Electrode Assemblies) revenues share in global market, 2021 (%)

Key companies Catalyst Coated MEA (Membrane Electrode Assemblies) sales in global

market, 2017-2022 (Estimated), (K Units)

Key companies Catalyst Coated MEA (Membrane Electrode Assemblies) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Toray Industries

BASF

W. L. Gore and Associates

Giner Labs

Plug Power

The Chemours Company

Ballard

Johnson Matthey

Greenerity

Wuhan WUT

IRD Fuel Cells

HyPlat

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