

Design and Fabrication of Ocean Plastic Waste Cleaner

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Abstract: An ocean cleaning device abstract could focus on various aspects, depending on the specific device or technology being described. With the escalating threat of ocean pollution, innovative solutions are imperative to mitigate its detrimental impacts on marine ecosystems and human livelihoods. This abstract presents a comprehensive overview of an advanced ocean cleaning device designed to tackle the burgeoning issue of marine debris. The device integrates cutting-edge technology, including [insert specific technologies], to efficiently remove various forms of pollution from coastal areas and open water on the severity of ocean pollution and the urgent need for effective cleanup technologies. It highlights the detrimental effects of marine debris on marine life, biodiversity, and coastal communities, emphasizing the importance of sustainable solutions. Here's a general abstract outline for an ocean cleaning device. This paper discusses the design principles, technological components, and operational strategies of the ocean plastic waste cleaning device. Additionally, it evaluates the device's performance through simulation models and field tests, demonstrating its effectiveness in reducing plastic pollution and contributing to sustainable ocean conservation efforts. Integrated sensors monitor water quality, temperature, and marine life, providing valuable data for environmental research and conservation efforts. Operators can remotely control the device and receive real-time data, enhancing operational efficiency and response times

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