

Abstract

APPARATUS AND METHOD FOR SEABED RESOURCES COLLECTION

Embodiments of the invention provide apparatus and method for seabed resources collection. The apparatus comprises a main module and a plurality of seabed resources collecting devices releasably attached to the main module, wherein the main module and the plurality of collecting devices are configured to be launched from a surface vessel towards a seabed; the main module includes a control module which is configured to determine a mining path for each of the collecting devices based on characteristics of the seabed, control each of the collecting devices to collect seabed resources along the determined mining path and control transfer of the seabed resources collected by the collecting devices, wherein each collecting device is configured to be released from the main module after the apparatus is launched, and to collect seabed resources along the mining path determined by the main module after being released.

(Figure 1A)