

SELF-CONTAINED DEVICE FOR CLEANING AND COATING HOLD
SURFACES IN A BULK CARRIER

ABSTRACT OF THE DISCLOSURE

The self-contained device for cleaning and coating hold surfaces in a bulk carrier includes a horizontally mobile vertical tower permitting the device to move into the four corners of the hold into which it has been lowered, a vertical trolley for permitting the workers to reach with their equipment all
5 elevations within the hold, a horizontal trolley for permitting the workers to achieve optimum proximity to a wall surface, and cleaning and coating support equipment and systems. The device can be lifted into and out of the cargo hold altogether, or in two sections, including an upper section stackable on a base. A walkway on the horizontal trolley extends on all four sides in
10 order to permit working from at least two sides simultaneously for each of four positions of the base on the bottom of the hold. For cleaning and coating, automated abrasive blasting equipment and automated coating spraying equipment is provided for horizontal travel along each of the four sides of the horizontal trolley.

(Figure 9)



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