

Mixed Cargoes Transportation

Abstract

An apparatus and method for transportation of mixed types of cargoes is provided. The apparatus includes a frame (10) and one or more cargo bags (20) connected to the frame. An inlet sleeve (22a) of each cargo bag (20) is connected to an inlet port (14a) of the frame, whilst an outlet sleeve (24a) of the cargo bag is connected to an outlet port (14b) of the frame. Each cargo bag (20) has a body (26) between the inlet and outlet sleeves and a tapering section (28) between body and outlet sleeve (24a). The body and tapering section of the cargo bag is foldable like that of an accordion. At the end of a discharging operation, the body (26) of the cargo bag (20) is lifted with a pulley and line system (44a, 44b) so that the tapering section (28) of the cargo bag is extended to achieve a cleaner discharge.

Fig. 1 for publication



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