

Title (en)

Marine vessel based system and method of managing municipal solid waste

Title (de)

Auf einem Schiff basiertes System und Verfahren zur Handhabung von festem Hausmüll

Title (fr)

Système basé sur des récipients marins et procédé de gestion de déchets municipaux solides

Publication

EP 2241499 B1 20120829 (EN)

Application

EP 09386011 A 20090415

Priority

EP 09386011 A 20090415

Abstract (en)

[origin: EP2241499A1] A marine vessel provided with the appropriate layout and equipment for the reception, segregation and treatment of municipal solid waste so as to deliver discrete quantities of various recyclable materials, along with a mainstream product of dried, biologically stabilised, waste. The vessel is provided with an upper deck whereupon containers (1) which can be of any type (C1-C5) are parked along a plurality of rows and columns. Whilst containers (C3,C4,C5) loaded with used oils, batteries and medical hazardous waste and containers (C2) loaded with used appliances remain onto the upper deck, containers (C1,C2) loaded with MMSW, SMSW, green waste, sewage sludge, bulky waste and tyres are selectively rearwardly led at a plurality of waste treatment decks (D1-D3) underlying the upper deck and/or into a biotreatment area (43). Following segregation, shredding, baling operations, packaged recyclable paper, plastic and aluminium is loaded back into containers (C1), whilst collected recyclable glass and shredded tyres and bulky waste is loaded into containers (C2) and the dried, biologically stabilised, product extracted from the biotreatment area (43) is loaded into containers (C1), all these containers being transferred and parked onto the upper deck. ready for delivery at a final destination.

IPC 8 full level

B63B 35/44 (2006.01); **B63B 25/00** (2006.01)

CPC (source: EP)

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Cited by

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