

Title (en)
POLYMER-PELLET TRANSPORT SHIP, POLYMER-PELLET TRANSPORT BARGE, AND METHOD FOR LOADING AND UNLOADING SAME

Title (de)
TRANSPORTSCHIFF FÜR POLYMERPELLETS, TRANSPORTBARKE FÜR POLYMERPELLETS SOWIE BELADUNGS- UND
ENTLADUNGSVERFAHREN DAFÜR

Title (fr)
BATEAU DE TRANSPORT POUR BILLES DE POLYMÈRE, PÉNICHE DE TRANSPORT POUR BILLES DE POLYMÈRE, ET PROCÉDÉS DE
CHARGEMENT ET DE DÉCHARGEMENT CORRESPONDANTS

Publication
EP 2615025 A1 20130717 (EN)

Application
EP 11823604 A 20110907

Priority
• JP 2010201809 A 20100909
• JP 2011070382 W 20110907

Abstract (en)
A polymer-pellet transport ship and polymer-pellet transport barge capable of efficiently transporting large amounts of many different types of polymer pellets simultaneously without mixing said different types. A plurality of cargo holds (10) that contain polymer pellets (P) are combined to form a lot hold set (11). A hold unloading line (41) provided with a hold unloading valve (41a) is connected to the bottom of each cargo hold (10), selectively performing the following using a lot unloading line(42) connected to a land-side unloading line(120): first unloading in which polymer pellets(P) of the same type are unloaded simultaneously per lot hold set (11); and second unloading in which polymer pellets (P) of differing types are unloaded sequentially per cargo hold(10). The hold unloading lines(41) are integrated into the lot unloading line(42) for each lot hold set(11).

IPC 8 full level
B63B 25/04 (2006.01); **B63B 27/24** (2006.01); **B63B 35/28** (2006.01)

CPC (source: EP KR)
B63B 25/04 (2013.01 - EP KR); **B63B 27/24** (2013.01 - KR); **B63B 35/28** (2013.01 - KR)

Citation (search report)
See references of WO 2012033130A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2615025 A1 20130717; CN 103124672 A 20130529; CN 103124672 B 20160525; CN 104787248 A 20150722; JP 2013014149 A 20130124; JP 5363438 B2 20131211; KR 101455157 B1 20141027; KR 20130099016 A 20130905; PH 12015502298 A1 20160125; WO 2012033130 A1 20120315

DOCDB simple family (application)
EP 11823604 A 20110907; CN 201180043469 A 20110907; CN 201510129418 A 20110907; JP 2010201809 A 20100909; JP 2011070382 W 20110907; KR 20137004975 A 20110907; PH 12015502298 A 20151005