

Title (en)

Method for the transport of goods with a ship from an arctic harbour to an icefree harbour as well as a transportship.

Title (de)

Verfahren zum Güter-Schiffstransport von einem arktischen Hafen zu einem eisfreien Hafen sowie Transportschiff.

Title (fr)

Méthode pour le transport des marchandises avec un navire d'un port arctique à un port sans glace aussi bien qu'un bâtiment de transport.

Publication

**EP 0119384 A1 19840926 (DE)**

Application

**EP 84100171 A 19840110**

Priority

- DE 3300894 A 19830113
- DE 3300898 A 19830113

Abstract (en)

[origin: US4577578A] A method for transporting goods by freighter over a route from an arctic port to an ice-free port, using ice-breaking freighters, the route including an ice-edge, the method characterized in that the ice-breaking freighters are used only for the route run between the arctic port and the ice-edge, the location of which varies according to the time of the year and wherein ice-strengthened freighters are used for the route run between the ice-edge and the ice-free port, the goods being transshipped, in the ice-edge area, at sea, from the ice-breaking freighters directly to the ice-strengthened freighters. Also disclosed is a ship, more particularly an ice-breaking freighter, adapted to be coupled in tandem to at least one other ship, the freighter comprising a substantially spherical convex surface constituting the stern thereof and a bow comprising a substantially vertically disposed concave channel having a substantially arcuate cross-section, the radius thereof corresponding to that of the spherical surface, thus making it possible for the bow of the freighter to be cooperatively coupled flexibly to the stern of a further ship, having the spherical convex surfaced stern or the stern of the freighter to be cooperatively coupled flexibly to the bow of a further ship having a bow compressing the concave channel.

Abstract (de)

Verfahren zum Güter-Schiffstransport von einem arktischen Hafen zu einem eisfreien Hafen, wobei die Transportgüter mit eisbrechenden Schiffen (1) von dem arktischen Hafen bis zum Eisrand transportiert und dort auf eisverstärkte Schiffe (10) umgeladen werden, welche den Transport zum eisfreien Hafen übernehmen. Das Heck (2) der eisbrechenden Schiffe (1) ist sphärisch konvex geformt, und am Bug (3) ist eine im wesentlichen vertikal verlaufende konkave Rinne (5) mit teilkreisförmigem Querschnitt angeordnet, dessen Radius dem Radius der sphärischen Fläche angepaßt ist. Dadurch können zwei eisbrechende Schiffe (1) unter gelenkiger Kopplung - Bug (3) gegen Heck (2) - im Tandembetrieb fahren.

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IPC 8 full level

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CPC (source: EP US)

**B63B 35/08** (2013.01 - EP US); **B63B 35/70** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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