

Title (en)

CORROSION-RESISTANT STEEL FOR HOLD OF COAL CARRYING VESSEL OR COAL/ORE CARRYING VESSEL

Title (de)

KORROSIONSBESTÄNDIGER STAHL ZUM HALTEN EINES KOHLEGEFÄSS ODER EINES KOHLE/ERZ-GEFÄSSES

Title (fr)

ACIER RÉISTANT À LA CORROSION DESTINÉ À LA CALE D'UN TRANSPORTEUR DE CHARBON OU D'UN TRANSPORTEUR DE CHARBON/MINÉRAI

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2808411A1] The present invention provides a corrosion-resistant steel for a coal carrier or ore/coal carrier hold, wherein corrosion after peeling of a coating film can be inhibited under a cyclic wet and dry environment and a low pH environment. Specifically, the corrosion-resistant steel for a coal carrier or ore/coal carrier hold is characterized in that the chemical composition of the steel contains C: 0.010 to 0.200 percent by mass, Si: 0.05 to 0.50 percent by mass, Mn: 0.10 to 2.0 percent by mass, P: 0.0250 percent by mass or less, S: 0.010 percent by mass or less, Al: 0.0050 to 0.10 percent by mass, Sb: 0.010 to 0.50 percent by mass, N: 0.0010 to 0.0080 percent by mass, and in addition, the remainder composed of Fe and incidental impurities.

IPC 8 full level

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