

Title (en)

Ship to shore container crane and method of operating such crane

Title (de)

Schiff-zu-Land-Containerkran und Verfahren zum Bedienen eines derartigen Krans

Title (fr)

Grue de container de quai et procédé de fonctionnement d'une telle grue

Publication

EP 1927569 A1 20080604 (EN)

Application

EP 06125258 A 20061201

Priority

EP 06125258 A 20061201

Abstract (en)

A ship to shore container crane comprises a gantry structure (1), a boom (2) supported with respect to said gantry structure (1), said boom (2) in an operating position extending between a ship facing end (6) and a shore facing end (7), trolley means (14) displaceably supported along the boom (2) in said operating position, two coupling means (27, 28), at least two cable hoisting means (22, 23) extending between the trolley means (14) and a respective coupling means (27, 28), as well as an operator's cabin (33) suspended from said trolley means (14). In a direction parallel to the boom (2), one of said cable hoisting means (22) is positioned on one side of the control cabin (33), and the other cable hoisting means (23) is positioned on the opposite side of the cabin (33).

IPC 8 full level

B66C 19/00 (2006.01)

CPC (source: EP)

B66C 19/002 (2013.01)

Citation (search report)

- [A] DE 19713489 A1 19980924 - KE KRANBAU EBERSWALDE GMBH [DE]
- [A] US 5515982 A 19960514 - HASEGAWA SHUJI [US], et al
- [A] US 2006182526 A1 20060817 - WEIS OTTO [DE]

Cited by

CN107285208A; CN102616666A; CN110745708A; CN105000480A; US9381979B1; US10259539B1

Designated contracting state (EPC)

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