

Title (en)
Travelling container crane.

Title (de)
Container-Verladekran.

Title (fr)
Grue à portique pour conteneurs.

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Application
EP 88311078 A 19881123

Priority
IE 319487 A 19871124

Abstract (en)
A travelling container crane comprises a mobile gantry (10) mounted for sideways movement on fixed ground rails (14) and two parallel spaced-apart beams (16, 17) supported by and extending horizontally from the gantry (10) in a direction perpendicular to the direction of motion of the gantry. A respective mobile trolley (22, 23) is supported under each beam on rails fixed to the beam for to-and-fro movement of the trolley along the beam on the beam rails, and a respective hoistable container-lifting device (33) is suspended from each trolley. In the preferred embodiment, a third mobile trolley (30) and associated container-lifting device (33) is supported between the two beams on further rails fixed to the two beams, whereby the third trolley may move to and fro along the space between the beams on the said further rails.

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CPC (source: EP)
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Citation (search report)
• [X] EP 0236976 A1 19870916 - PHB WESERHUETTE AG [DE]
• [A] EP 0061790 A1 19821006 - SWARTTOUW FRANS BV [NL]
• [A] DE 1481840 A1 19690320 - TAX HANS
• [A] FR 2283852 A1 19760402 - STORK CONRAD BV [NL]
• [A] DE 189300 C 19070921 - BENRATHER MASCHINENFABRIK AG [DE]
• [A] DE 1902638 A1 19690918 - CRAIG COLIN, et al
• [A] DE 1088209 B 19600901 - MASCHF AUGSBURG NUERNBERG AG

Cited by
CN104261267A; US9617124B2; NL1020675C2; CN112969649A; ES2084542A2; ES2092944A2; CN100460305C; CN103663162A; DE19703284A1; CN110498346A; CN1309652C; EP0549819A1; CN100341771C; DE10239565A1; DE10239565B4; CN101959786A; CN104114470A; CN110436330A; US8225948B2; WO03099700A3; WO9835905A3; WO2009118638A1; WO2020092149A1; WO2009118637A1; WO9914151A1; WO9830485A1; WO2013079439A1

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