

Title (en)

Running gear, particularly for chain hoist, load pick up means and/or towing cable

Title (de)

Fahrwerk, insbesondere für Kettenzüge, Lastaufnahmemittel und/oder Schleppkabel

Title (fr)

Train de roulement, en particulier pour palan à chaîn, appareil de manutention de charge et/ou câble de remorquage

Publication

EP 0802148 B1 20010620 (DE)

Application

EP 97250124 A 19970418

Priority

- DE 19617119 A 19960419
- DE 19620145 A 19960509

Abstract (en)

[origin: EP0802148A1] The running gear comprises a rail with a cross-section which has flange- and web-sections, while opposite travel and guide rollers rotate in supports coupled together below the rail. A hook for the suspended load is mounted on one or both supports. The rollers are mounted in supporting arms (4a,4b) hinging to and from each other on an axis (6) below the rail (1) and parallel to it. The load acts on one or both arms at or below the joint (10) between them, holding the guide rollers (9) pressed against opposite sides of the rail web. The arms can form frames (5a,5b) hinging on the axis and accommodating horizontal guide rollers before and after vertical travel rollers (7) travelling along the rail flanges (2).

IPC 1-7

B66C 11/06

IPC 8 full level

B66C 9/02 (2006.01); **B66C 9/06** (2006.01); **B66C 9/08** (2006.01); **B66C 11/00** (2006.01); **B66C 11/06** (2006.01)

CPC (source: EP US)

B66C 9/06 (2013.01 - EP US); **B66C 11/06** (2013.01 - EP US)

Cited by

FR2777270A1; CN110395659A; EP4029821A1; FR3118959A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0802148 A1 19971022; **EP 0802148 B1 20010620**; ES 2157525 T3 20010816; JP 3910257 B2 20070425; JP H1067486 A 19980310; US 5881650 A 19990316

DOCDB simple family (application)

EP 97250124 A 19970418; ES 97250124 T 19970418; JP 11431697 A 19970416; US 84369897 A 19970416