

Title (en)

GUIDING RAIL TRACK FOR MINING COMPRISING SECTIONS OF THE TRACK HAVING TRACTION ELEMENTS TO BE ENGAGED BY THE DRIVEN AXLE OF A LOCOMOTIVE

Publication

EP 0049712 A3 19830119 (DE)

Application

EP 80107594 A 19801204

Priority

DE 3038454 A 19801011

Abstract (en)

[origin: EP0049712A2] 1. Guiding rail track for mining in which the track (1; 42), preferably formed of single horizontal and vertical elongate sections arranged one beneath the other at an angle, includes in particular a rail, and the track (1; 42), at least on sections thereof, is provided with traction elements (8, 68) for close engagement by the driven axle (16, 33; 63-65) of a locomotive, sliding guides (7; 31; 48) being carried on the track (1; 42) and in particular on the rails for the attachment of the traction elements (8, 68) characterised in that consecutive traction elements are joined together to form a tensioned round-link chain (8, 68) which is carried in a chain channel (7, 7'; 49; 55, 56; 60) fixed on the track (1; 42) and is open for the engagement of the driven axle (16, 33; 63-65) of a locomotive - in particular on the opposite sides (24, 25; 48; 53, 54) thereof - said chain channel (7, 7'; 49; 55, 56; 60) having longitudinal guides (21, 21'; 78) for supporting the shanks (12, 14; 66, 67) of every second chain element (21, 21'; 68) for the engagement of the chain element by the teeth (11; 73) of a chain wheel (16, 63-65) on the driven axle of a locomotive and being fastened and tensioned at least at its ends on abutments.

IPC 1-7

E01B 25/22; **E01B 25/04**; **E01B 25/16**; **E21F 13/02**; **B61B 13/02**

IPC 8 full level

B61B 13/02 (2006.01); **E01B 25/04** (2006.01); **E01B 25/16** (2006.01); **E01B 25/22** (2006.01); **E21F 13/02** (2006.01)

CPC (source: EP)

B61B 13/02 (2013.01); **E01B 25/04** (2013.01); **E01B 25/22** (2013.01)

Citation (search report)

- [AD] FR 2343860 A1 19771007 - RUHRKOHLE AG [DE]
- [A] DE 2644582 A1 19780406 - BECORIT GRUBENAUSSBAU GMBH
- [A] US 2652785 A 19530922 - COX WALTER C

Cited by

EP0267989A3

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0049712 A2 19820421; **EP 0049712 A3 19830119**; **EP 0049712 B1 19850320**; DE 3038454 A1 19820527; DE 3070347 D1 19850425

DOCDB simple family (application)

EP 80107594 A 19801204; DE 3038454 A 19801011; DE 3070347 T 19801204