

Title (en)
Single track suspension track

Title (de)
Einschienen-Hängebahn

Title (fr)
Voie suspendue à un rail

Publication
EP 1947242 A3 20090603 (DE)

Application
EP 08000110 A 20080104

Priority
DE 202007001069 U 20070118

Abstract (en)
[origin: EP1947242A2] The single rail overhead track is used in mining for the transport of workers as well as of material and equipment. Points (4) are located at each junction in order to facilitate a change of direction. The points (4) are connected to a frame (5) and comprise at least one slightly curved switch point (6). The switch point (6) is moved with a rotating control unit (7) which can be a pulley driven by a rope (8). It is slightly lifted with a manually operated lever (10) and attached to the outer end of the rail (1,2,3) by engaging the complementary inclined surfaces.

IPC 8 full level
E01B 25/26 (2006.01)

CPC (source: EP)
E01B 25/26 (2013.01)

Citation (search report)
• [DA] DE 19919702 C1 20001214 - DBT MASCHINENFABRIK SCHARF GMB [DE]
• [A] EP 1387002 A1 20040204 - MANTION SA [FR]

Cited by
WO2020172949A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1947242 A2 20080723; EP 1947242 A3 20090603; EP 1947242 B1 20101103; AT E487004 T1 20101115; CN 101235617 A 20080806; CN 101235617 B 20110817; DE 202007001069 U1 20070419; DE 502008001675 D1 20101216; ES 2355629 T3 20110329; PL 1947242 T3 20110429; RU 2008101902 A 20090727; RU 2398924 C2 20100910

DOCDB simple family (application)
EP 08000110 A 20080104; AT 08000110 T 20080104; CN 200810001164 A 20080118; DE 202007001069 U 20070118; DE 502008001675 T 20080104; ES 08000110 T 20080104; PL 08000110 T 20080104; RU 2008101902 A 20080117