

Title (en)
CONCRETE SLEEPER ADAPTABLE TO TWO TRACK GAUGES

Publication
EP 0377765 B1 19920422 (DE)

Application
EP 89100517 A 19890113

Priority
EP 89100517 A 19890113

Abstract (en)
[origin: EP0377765A1] For changing over the gauge of track sections, the use of concrete sleepers which can be adapted to several track gauges (1, 2...) is proposed. The adaptability to several track gauges is to be achieved in that the rail-bearing faces (5) of a rail track (3) which are required for the different track gauges (1, 2...) during gauge alterations are disposed on the surface of the sleeper (35) in a continuous flat displacement zone (11), and in that the rail-fastening devices (13/1, 13/2, 14/1, 14/2) required in the displacement zone (11) for track gauges (1, 2....) are built in flush with the concrete surface at the time of manufacture of the sleeper (35). <IMAGE>

IPC 1-7
E01B 3/00; E01B 3/28

IPC 8 full level
E01B 3/00 (2006.01); **E01B 3/28** (2006.01); **E01B 9/18** (2006.01); **E01B 9/30** (2006.01); **E01B 9/68** (2006.01)

CPC (source: EP)
E01B 3/00 (2013.01); **E01B 3/28** (2013.01); **E01B 9/18** (2013.01); **E01B 9/303** (2013.01); **E01B 9/686** (2013.01); **E01B 9/68** (2013.01)

Cited by
DE19817597C1; DE102013213241A1; DE4438397A1; DE4438397C2; EP0767274A1; DE4339545A1; DE102007045709B3; DE10128844A1; DE10128844B4; EP2899317A1; WO2013091590A2; WO9732083A1

Designated contracting state (EPC)
DE ES

DOCDB simple family (publication)
EP 0377765 A1 19900718; EP 0377765 B1 19920422; EP 0377765 B2 19941102; DE 58901250 D1 19920527; ES 2016551 A4 19901116; ES 2016551 T3 19921201; ES 2016551 T5 19950816; PT 91848 A 19900731; PT 91848 B 19950809

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