

Title (en)

Rail fixing device on a concrete panel.

Title (de)

Schienenbefestigungsvorrichtung auf einer Betonplatte.

Title (fr)

Dispositif de fixation d'un rail sur une dalle en béton.

Publication

EP 0498761 B1 19940629 (FR)

Application

EP 92810047 A 19920124

Priority

FR 9101220 A 19910204

Abstract (en)

[origin: EP0498761A2] Device for fixing a rail (6) onto a concrete slab (7) comprising a metal bearing plate (2) fixed onto a metal base (1) with the interposition of a resilient sleeper-pad (3), by means of clamps (4, 5) which are tensioned by rotation on an inclined plane (18, 19) and which simultaneously fix the rail onto the metal bearing plate (2) and the metal bearing plate onto the base (1). The fixing is thus carried out with a minimum of parts. According to a preferred embodiment, the clamps bear on posts (14, 15) of the base. <IMAGE>

IPC 1-7

E01B 9/48

IPC 8 full level

E01B 9/48 (2006.01); **E01B 9/68** (2006.01)

CPC (source: EP KR)

E01B 9/38 (2013.01 - KR); **E01B 9/483** (2013.01 - EP)

Cited by

DE102005058467A1; FR2737511A1; DE102005058444B3; DE102005058465A1; US7793857B2

Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI NL PT SE

DOCDB simple family (publication)

EP 0498761 A2 19920812; EP 0498761 A3 19920923; EP 0498761 B1 19940629; AT E107982 T1 19940715; CN 1042249 C 19990224; CN 1064327 A 19920909; CZ 280579 B6 19960214; CZ 30892 A3 19930512; DE 69200211 D1 19940804; DE 69200211 T2 19950202; DK 0498761 T3 19941107; ES 2057977 T3 19941016; FR 2672317 A1 19920807; FR 2672317 B1 19930604; JP H04309601 A 19921102; KR 0137010 B1 19980515; KR 920016661 A 19920925; MX 9200473 A 19920801

DOCDB simple family (application)

EP 92810047 A 19920124; AT 92810047 T 19920124; CN 92100670 A 19920130; CS 30892 A 19920204; DE 69200211 T 19920124; DK 92810047 T 19920124; ES 92810047 T 19920124; FR 9101220 A 19910204; JP 1294492 A 19920128; KR 920001619 A 19920201; MX 9200473 A 19920203