

Title (en)  
Device for Connecting Rails

Title (de)  
Vorrichtung zur Verbindung von Schienen

Title (fr)  
Dispositif de jointonnement pour rails

Publication  
**EP 1347098 A1 20030924 (EN)**

Application  
**EP 02425175 A 20020320**

Priority  
EP 02425175 A 20020320

Abstract (en)  
Device for connecting two mutually adjacent rails (2) comprising a first locking element (6) able to be operatively associated to first flanks (4) of the rails (2), a second locking element (7) able to be operatively associated to second flanks (5) of the rails (2) and means (8) for connecting the first locking element (6) to the second locking element (7). The first locking element (6) comprises a base portion (9) and an upper portion (10). The base portion can be associated underneath the rails (2) and extends from a first end (11) to a second end (12), whilst the upper portion (10) is superiorly integral with the first end (11) of the base portion (9), and has a first face (13) able to be associated in abutment against the first flanks (4) of the rails. The second end (12) has at least a first through hole (14). The second locking element (7) has a second face (15) able to be associated in abutment against the second flanks (5) of the rails (2) and is mounted in removable fashion on the second end (12), with a second through hole (16) aligned to the first through hole (14). The connecting means (8) comprise at least a bolt (17) inserted through the first and the second through hole (16). <IMAGE>

IPC 1-7  
**E01B 11/18; E01B 11/00**

IPC 8 full level  
**E01B 11/18** (2006.01)

CPC (source: EP)  
**E01B 11/18** (2013.01)

Citation (search report)  
• [A] US 2636686 A 19530428 - CONNER RUSSELL L  
• [A] DE 2952734 A1 19810702 - SONDERMANN HORST  
• [A] GB 2325686 A 19981202 - ROBEL GEORG GMBH & CO [DE]  
• [A] DE 844021 C 19520714 - OSTERMAN FRANK JOHN  
• [A] DE 491703 C 19300215 - HEINRICH POESENTRUP

Cited by  
KR101943267B1; DE102017118131A1; WO2019029776A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1347098 A1 20030924; EP 1347098 B1 20040519**; AT E267296 T1 20040615; DE 60200513 D1 20040624

DOCDB simple family (application)  
**EP 02425175 A 20020320**; AT 02425175 T 20020320; DE 60200513 T 20020320