

Title (en)
Railroad frog

Title (de)
Herzstück

Title (fr)
Coeur de croisement

Publication
EP 1455016 B1 20061025 (DE)

Application
EP 04002210 A 20040202

Priority
DE 10310043 A 20030306

Abstract (en)
[origin: EP1455016A2] The frog (1), for railway direction change points, has a frog point (2) with two point pieces (3,4) and a sprung movement between wing rails (5,6). The point pieces are produced from tongue rail profiles. The point pieces are bolted to the connecting rails (7,8) outside the spring movement zones.

IPC 8 full level
E01B 7/14 (2006.01)

CPC (source: EP)
E01B 7/14 (2013.01)

Cited by
WO2022189107A1; ES2399735R1; CN113981751A; CN104611998A; CN107974877A; CN107435282A; DE102016120200A1; TWI836365B; DE102021106050A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1455016 A2 20040908; EP 1455016 A3 20050518; EP 1455016 B1 20061025; AT E343679 T1 20061115; DE 10310043 A1 20040916; DE 502004001832 D1 20061207

DOCDB simple family (application)
EP 04002210 A 20040202; AT 04002210 T 20040202; DE 10310043 A 20030306; DE 502004001832 T 20040202