

Title (en)  
Railway rails

Title (de)  
Eisenbahnschienen

Title (fr)  
Rails de chemin de fer

Publication  
**EP 0703316 A3 19970129 (EN)**

Application  
**EP 95109679 A 19950622**

Priority  
RO 9401078 A 19940622

Abstract (en)  
[origin: WO9535413A1] The disclosure relates to heavy-mass railway rails wherein an increased fatigue resistance is achieved by increasing the moment of inertia of cross section of rail and by increasing the ratio of fatigue loading, a sub-unity ratio given by the specific moments of fatigue of the two halves of cross section of rail defined by the horizontal neutral axis of cross section of rail, or by the squares of normal unity fatigue stresses, which are maximum at the two vertical extremities of cross section of rail.

IPC 1-7  
**E01B 5/02**

IPC 8 full level  
**E01B 5/02** (2006.01)

CPC (source: EP)  
**E01B 5/02** (2013.01)

Citation (search report)  
[A] ESVELD: "Modern Railway Track", 1989, MRT PRODUCTIONS, DUISBURG (DE), XP002019734, 166260

Cited by  
WO9745320A1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI LU SE

DOCDB simple family (publication)  
**WO 9535413 A1 19951228**; AU 2480695 A 19960104; CA 2152404 A1 19951223; EP 0703316 A2 19960327; EP 0703316 A3 19970129; RO 111255 B1 20040830

DOCDB simple family (application)  
**RO 9500006 W 19950619**; AU 2480695 A 19950622; CA 2152404 A 19950622; EP 95109679 A 19950622; RO 9401078 A 19940622