

Title (en)
Impedance bonds

Title (de)
Impedanzverbindungen

Title (fr)
Liaisons d'impédance

Publication
EP 0624507 B1 19971022 (EN)

Application
EP 94301669 A 19940309

Priority
GB 9309993 A 19930514

Abstract (en)
[origin: EP0624507A1] An impedance bond unit for use in returning traction circuit current from first and second rails of a railway track, comprising a first input (1') for connection to a first rail of a railway track, a second input (2') for connection to a second rail of a railway track, a traction output (3') for returning traction current and active control means (5) coupled with the first and second inputs and the traction output for allowing flow of traction current from the first and second inputs to the traction output, and for acting to reduce the flow of signalling current between the first and second inputs. <IMAGE>

IPC 1-7
B61L 1/18

IPC 8 full level
B61L 1/18 (2006.01)

CPC (source: EP)
B61L 1/18 (2013.01); **B61L 1/181** (2013.01); **B61L 1/187** (2013.01)

Citation (examination)
Electronic Circuits, Design and Applications, U.Tietze and Ch. Schenk, Springer-Verlag, Berlin 1991, pages 350-351, 372-373 and 384-385.

Cited by
EP0625460B1

Designated contracting state (EPC)
BE DE ES FR IT PT SE

DOCDB simple family (publication)
EP 0624507 A1 19941117; EP 0624507 B1 19971022; DE 69406354 D1 19971127; DE 69406354 T2 19980520; ES 2107746 T3 19971201; GB 2278005 A 19941116; GB 2278005 B 19970115; GB 9309993 D0 19930630

DOCDB simple family (application)
EP 94301669 A 19940309; DE 69406354 T 19940309; ES 94301669 T 19940309; GB 9309993 A 19930514