

Title (en)  
A railway signalling system.

Title (de)  
Eisenbahn-Signalisierungssystem.

Title (fr)  
Système de signalisation pour chemin de fer.

Publication  
**EP 0341826 B1 19940622 (EN)**

Application  
**EP 89303530 A 19890411**

Priority  
GB 8810923 A 19880509

Abstract (en)  
[origin: EP0341826A2] A railway signalling system is disclosed in which there is a combination of fixed block signalling with direct communication between separate trains or vehicles to achieve inter-vehicle spacing. The fixed block signalling prevents more than one train (or vehicle) from transmitting and more than one train (or vehicle) from acting upon communications relative to a given area or portion of line.

IPC 1-7  
**B61L 21/10**

IPC 8 full level  
**B61L 21/10** (2006.01); **B61L 23/34** (2006.01)

CPC (source: EP)  
**B61L 21/10** (2013.01); **B61L 23/34** (2013.01)

Cited by  
CN104742942A; FR2823352A1; FR2857644A1; EP0554983A1; US5440489A; EP2762379A4; ES2071558A2; CN105035125A; US8433461B2; US10308265B2; US8082071B2; US8498762B2; US7908047B2; US7725249B2; US9733625B2; US9834237B2; CN109311401A; EP3476646A4; US7797087B2; US7539624B2; US7734383B2; US7797088B2; WO2005007482A1; WO2013030074A1; US7222083B2; US7340328B2; US7343314B2; US10569792B2; US7558740B2; US7725252B2; US7813846B2; US8292172B2; US9764747B2; US7680750B2; US7715977B2; US7937193B2; US8589057B2; US9669851B2; US7512481B2

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DE FR

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**EP 89303530 A 19890411**; DE 68916320 T 19890411; GB 8810923 A 19880509; GB 8907575 A 19890404; HK 61292 A 19920813