

Title (en)
PLURAL-LED LIGHTS

Title (de)
VERKEHRSLICHTSIGNAL MIT MEHREREN LEUCHTDIODEN

Title (fr)
FEUX A PLUSIEURS DIODES ELECTROLUMINESCENTES

Publication
EP 1012023 B1 20030409 (EN)

Application
EP 98940445 A 19980901

Priority
• GB 9802620 W 19980901
• GB 9718643 A 19970904
• GB 9722368 A 19971024

Abstract (en)
[origin: GB2329011A] Railway traffic signalling light comprising a plurality of light emitting diodes 212 (LEDs) more than sufficient to produce total light emission adequate for intended usage, at least enough of said LEDs being energisable together to be so sufficient, the plurality of LEDs being deployed in an areal array in association with similarly areally distributed emitted light concentrating means 215 effective in conjunction with overall light output delivery provision to produce output light of predominantly substantially parallel directionality. Means for sensing and indicating failure of LED's may be included. Means for modulating light output in accordance with received information and a receiving means for such information may be included.

IPC 1-7
B61L 5/18; G08G 1/095; F21S 8/00

IPC 8 full level
B61L 5/18 (2006.01); **F21S 8/00** (2006.01); **F21V 5/00** (2006.01); **F21V 5/04** (2006.01); **G08G 1/095** (2006.01)

CPC (source: EP US)
B61L 5/1827 (2013.01 - EP); **F21V 5/008** (2013.01 - EP US); **F21V 5/04** (2013.01 - EP US); **G08G 1/095** (2013.01 - EP US);
B61L 2207/02 (2013.01 - EP); **F21W 2111/02** (2013.01 - EP); **F21Y 2107/10** (2016.08 - EP US); **F21Y 2115/10** (2016.08 - EP US)

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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