

Title (en)  
LIGHT SIGNAL

Title (de)  
LICHTSIGNAL

Title (fr)  
FEU DE SIGNALISATION

Publication  
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Application  
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Abstract (en)  
[origin: WO2014154476A2] The invention relates to a light signal, more particularly for rail-bound traffic routes, comprising a light source (10) and an optical system for signal aspect visualization, more particularly into a far range and a near range angled relative thereto. In order to achieve a reduction of phantom light that suffices to be able to dispense with a shield, provision is made for the optical system to comprise a Fresnel lens (13), the light entrance surface of which has Fresnel structures (15) and the light exit surface (16) of which is designed in such a way that every tangent (17) to the light exit surface (16) is at an angle of  $\geq 105^\circ$  relative to an optical axis (14) of the optical system.

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