

Title (en)
Signal lamp

Title (de)
Signalleuchte

Title (fr)
Feu de signalisation

Publication
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Application
EP 04013321 A 20040605

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Abstract (en)

The present invention relates to a signal lamp having an LED light (LED = light emitting diode) which is in particular used in traffic signal devices or display devices like traffic lights or road signs. The signal lamp comprises an optical lens for directing the radiation emitted by a single LED or a number of LEDs efficiently at predetermined angles or in predetermined directions. The Signal lamp has a basis support (2) and at least one light means (3), preferably two or a few more electric light means (3), which together represent a quasi central light source, and which are arranged with a small distance between them on the basis support (2) within a plane, such that the area enclosed by light means (3) comprises a maximum side value, and has a lens device (6), which is arranged in a predetermined distance in front of the light means (3) such, that said predetermined distance is greater, and especially substantially greater than the maximum side value. The light means (3) are arranged on one single circuit board (10), said circuit board housing also the electric circuits for controlling and power supplying said light means, and comprising a form part (14) fabricated of a light absorbing material, preferably synthetic material, said form part covering the circuit board (10) completely. <IMAGE>

IPC 1-7
G08G 1/095

IPC 8 full level
G08G 1/095 (2006.01)

CPC (source: EP)
G08G 1/095 (2013.01)

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