

Title (en)
Sector light

Title (de)
Sektor Leuchtf Feuer

Title (fr)
Lumière de secteur

Publication
EP 2713100 A1 20140402 (EN)

Application
EP 13186167 A 20130926

Priority
FI 20126009 A 20120928

Abstract (en)
Sector light, which comprises a light source unit (100), which comprises light source parts (301, 302, 303) one above another, which form layers one above another, for each color of at least one light source part. A light source part comprises a light source (101, 102, 103), the light of which is refracted with a lens (104, 105, 106) or mirror to be omnidirectional in at least mainly the horizontal direction. The sector light also comprises a cover for the light source unit, which cover is fitted in connection with the light source unit (100), and an obscuring wall unit (110), which comprises a light-impermeable obscuring wall (116). The obscuring wall (116) comprises light apertures (111, 112, 113, 114), from which light is visible in each layer in the desired direction in such a way that the desired sector or sectors of horizontal light remain in each layer. The obscuring wall unit (110) can be fixed to its mounting base (130) and the light source unit (100) can be detachably fixed, with fixing means, inside the obscuring wall unit (110) in such a way that the layers of the light source unit (100) and the layers of the obscuring wall unit (110) are face-to-face. The light source unit (100) can be replaced and/or removed from inside the obscuring wall unit (110) without needing to remove the obscuring wall unit (110) from its mounting base (130).

IPC 8 full level
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CPC (source: EP FI US)
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Citation (applicant)
FI 20131703 A

Citation (search report)
• [AD] WO 2006070050 A1 20060706 - SABIK AB OY [FI], et al
• [A] US 2004057234 A1 20040325 - MOHACSI FERENC [US]
• [A] WO 2011029127 A1 20110317 - PROCTER JEFFREY KENNETH [AU]

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CN105371234A; CN106287439A; US10436417B2; WO2016150803A1

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