

Title (en)
SEMI-ELLIPTICAL PROJECTOR COMPRISING A RADIATOR

Title (de)
SEMIELLIPTISCHER PROJEKTOR MIT EINEM KÜHLER

Title (fr)
PROJECTEUR SEMI-ELLIPTIQUE COMPRENANT UN RADIATEUR

Publication
EP 3212996 B1 20220504 (FR)

Application
EP 15793880 A 20151022

Priority
• FR 1460430 A 20141030
• FR 2015052833 W 20151022

Abstract (en)
[origin: WO2016066929A1] The projector (1) comprises a light source (S), a movement means (20), a moving optical element (4) driven by the movement means (20) to cut and/or reflect a light beam emitted by the source (S), a radiator (30) thermally linked to the movement means (20), and a reflector (12), the light beam being reflected by the reflector (12) before being cut and/or reflected by the moving optical element (4), the reflector (12) having the shape of a portion of a semi-ellipsoid, the source (S) being positioned on the axis of symmetry (X) of the ellipsoid, the radiator (30) being positioned below the plane of symmetry of said ellipsoid, the radiator (30) being situated at least partially inside said ellipsoid between a base (13) of the reflector (12) and the moving optical element (4), and being positioned at least partially within a volume (V) defined by the cylindrical extension, along an optical axis of an optical lens (3), of a peripheral contour of said lens (3) to a transverse plane passing through a base (13) of the reflector (12).

IPC 8 full level
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CPC (source: CN EP US)
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Citation (examination)
CN 203857379 U 20141001 - TIANJIN FANGHE TECHNOLOGY DEV CO LTD

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