

Title (en)

LAMP RADIATOR AND LED LAMP FOR MINING USE

Title (de)

LAMPENRADIATOR UND LED-LAMPE FÜR DEN BERGBAU

Title (fr)

RADIATEUR DE LAMPE ET LAMPE À DEL POUR UTILISATION MINIÈRE

Publication

EP 3015763 B1 20180314 (EN)

Application

EP 14813963 A 20140505

Priority

- CN 201310263361 A 20130621
- CN 2014076819 W 20140505

Abstract (en)

[origin: EP3015763A1] Disclosed are a lamp radiator and an LED lamp for mining use having the lamp radiator. The lamp radiator comprises a heat source plate (1), a fixed ring (2), a fixed plate (3) and a plurality of heat dissipation fins (4), wherein the plurality of heat dissipation fins (4) form a circular array and there are gaps among the heat dissipation fins (4). The upper end of each heat dissipation fin (4) is fixed to the fixed ring (2) and the fixed plate (3), and the lower end of each heat dissipation fin (4) is fixed to the heat source plate (1) and is in direct contact with the heat source plate (1). The lamp radiator is provided with the plurality of heat dissipation fins (4) and there are gaps among the heat dissipation fins (4), which are beneficial for the hot gas circulation and able to accelerate the heat dissipation; and in addition, the lamp radiator is not a single component and can significantly reduce the weight of the lamp.

IPC 8 full level

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CPC (source: EP US)

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