

Title (en)
LED-TECHNOLOGY LIGHTING SYSTEM WITH EXPLOSION-PROOF CHARACTERISTICS, FOR USE IN EXPLOSION-RISK AREAS

Title (de)
LED-TECHNOLOGIE-BELEUCHTUNGSSYSTEM MIT EXPLOSIONSSICHEREN EIGENSCHAFTEN ZUR VERWENDUNG IN
EXPLOSIONSGEFÄHRDETEN BEREICHEN

Title (fr)
SYSTÈME D'ÉCLAIRAGE À TECHNOLOGIE DEL AVEC CARACTÉRISTIQUES ANTIDÉFLAGRANTES, DESTINÉ À ÊTRE UTILISÉ DANS DES
ZONES À RISQUE D'EXPLOSION

Publication
EP 2918908 A1 20150916 (EN)

Application
EP 15158766 A 20150312

Priority
IT MI20140396 A 20140312

Abstract (en)
An explosion-proof lighting system adapted for use in explosion-risk areas is described, which comprises: - a power supply body (4, 4.1); - a lamp body (5, 5.1), in which a lighting system (64, 10, 13.4, 13.8) based on LED technology is inserted; - a power mains connection body (3, 3.1); said power supply body, lamp body (5, 5.1) and power mains connection body (3, 3.1) having an essentially cylindrical shape and being distinct, aligned and joined axially through mechanic and electric interconnections, said power mains connection body being located on the power supply body side.

IPC 8 full level
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F21V 29/507 (2015.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
• US 2011242828 A1 20111006 - BLINCOE PATRICK STEPHEN [US], et al
• US 2013286675 A1 20131031 - HASAN SYED Q [US], et al
• US 2013141890 A1 20130606 - CARLIN STEVEN W [US], et al

Citation (search report)
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