

Title (en)

Method for forming cold spot region and discharge lamp with such cold spot region

Title (de)

Verfahren zur Ausbildung einer Kaltstelle in einer Leuchtstofflampe und Herstellung einer solchen Lampe

Title (fr)

Procédé pour la fabrication d'un point froid dans une lampe fluorescente et fabrication d'une telle lampe

Publication

EP 1469506 A2 20041020 (EN)

Application

EP 04252134 A 20040408

Priority

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- US 75115604 A 20040102

Abstract (en)

A method for forming a cold spot region on a discharge tube (2) of a discharge lamp is disclosed. In the method, a discharge tube (2) is formed, and a tubular extension (18) is formed on at least one end of the discharge tube (2). The tubular extension (18) has a smaller diameter than the diameter of the discharge tube end. The tubular extension (18) is formed so that a free end of the tubular extension (18) extends away from the end of the discharge tube (2). A reduced thickness portion (36) is formed on the tubular extension (18). The reduced thickness portion (36) is formed as a membrane (38). A discharge lamp is also disclosed, which comprises a discharge tube (2) with a tubular extension (18) located at an end of the discharge tube (2). The tubular extension (18) has a smaller diameter than the diameter of the discharge tube end, and the tubular extension (18) comprises a reduced thickness portion (36). The reduced thickness portion (36) is a membrane (38), preferably formed of the material of the tubular extension (18).

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US 4549251 A 19851022 - CHAPMAN JOHN M [GB], et al

Cited by

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