

Title (en)

Metal halide discharge lamp.

Title (de)

Metallhalogenid-Entladungslampen.

Title (fr)

Lampe à décharge aux halogénures métalliques.

Publication

EP 0344732 B1 19941026 (DE)

Application

EP 89109784 A 19890531

Priority

DE 3818966 A 19880603

Abstract (en)

[origin: EP0344732A1] Metal halide discharge lamps having a high light yield can be obtained with lamp fillings which contain sodium and gallium in a mol ratio above 1, particularly from 1 to 19 and especially from 2 to 8. In this arrangement, mixed halides of chlorine and iodine, bromine and iodine or chlorine, bromine and iodine are suitably used, the iodine content of which is not more than 85 At%, particularly between 50 and 80 At%. The illustrative embodiments contain information on lamp fillings which exhibit noble gas such as argon, mercury and thallium halide and sodium and gallium halide with a Na/Ga mol ratio around 3. <IMAGE>

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H01J 61/18

IPC 8 full level

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CPC (source: EP)

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Cited by

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