

Title (en)

High pressure mercury vapour discharge lamp.

Title (de)

Hochdruck-Quecksilberdampfentladungslampe.

Title (fr)

Lampe à décharge à vapeur de mercure à haute pression.

Publication

EP 0338637 B1 19950802 (DE)

Application

EP 89200974 A 19890417

Priority

DE 3813421 A 19880421

Abstract (en)

[origin: EP0338637A2] High-pressure mercury vapour discharge lamp with a bulb (2) containing two tungsten electrodes (9, 10) and a filling which, in addition to noble gas, contains an amount of mercury exceeding 0.2 mg/mm³ with a mercury vapour pressure exceeding 200 bar and at least one of the halogens chlorine, bromine or iodine in an amount of between 10⁻⁶ and 10⁻⁴ mol/mm³. The wall loading during operation exceeds 1 W/mm². <IMAGE>

IPC 1-7

H01J 61/12; **H01J 61/82**

IPC 8 full level

H01J 61/88 (2006.01); **H01J 61/12** (2006.01); **H01J 61/20** (2006.01); **H01J 61/82** (2006.01); **H01J 61/86** (2006.01)

CPC (source: EP KR US)

H01J 61/12 (2013.01 - EP KR US); **H01J 61/82** (2013.01 - EP US)

Cited by

EP0576071A1; EP1271595A1; EP1107286A1; US5497049A; US7348731B2; US6462471B1; WO2007077506A3; WO2010112314A1; WO2007077506A2; US6762557B2; US7946899B2

Designated contracting state (EPC)

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EP 89200974 A 19890417; CA 597010 A 19890418; CN 89102533 A 19890418; DD 32772889 A 19890418; DE 3813421 A 19880421; DE 58909367 T 19890417; ES 89200974 T 19890417; HU 186889 A 19890414; JP 9898489 A 19890420; KR 890005042 A 19890418; US 33954089 A 19890417