

Title (en)
High-pressure sodium lamp.

Title (de)
Hochdrucknatriumlampe.

Title (fr)
Lampe à décharge dans la vapeur de sodium à haute pression.

Publication
EP 0523782 A2 19930120 (EN)

Application
EP 92202047 A 19920707

Priority
EP 91201820 A 19910712

Abstract (en)
A high-pressure sodium lamp of the invention radiates white light with a colour temperature higher than 2250 K. The lamp is provided with a discharge vessel (1) with a ceramic wall (2). In the discharge vessel (1), electrodes (10a, 10b) are arranged which are connected to current supply conductors (20a, 20b) which are passed through the wall (2) in a gastight manner. The electrodes (10a, 10b) each have a rod (11a) ending in a tip (12a) and with a length l and diameter d. The rod (11a) of the electrodes (10a, 10b) is provided with a single winding (13a) of a wire with a diameter of at most d/3, which winding (13a) is remote from the tip (12a) of the rod (11a) over a distance of at most 2d. This construction enables a quick ignition of the lamp. <IMAGE>

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H01J 61/073; **H01J 61/82**

IPC 8 full level
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CPC (source: EP)
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