

Title (en)
Method of lighting discharge lamp and discharge lamp lighting apparatus.

Title (de)
Verfahren und Apparat zum Starten von einer Entladungslampe.

Title (fr)
Méthode et appareil pour amorcer une lampe à décharge.

Publication
EP 0411617 A2 19910206 (EN)

Application
EP 90114791 A 19900801

Priority
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Abstract (en)
A discharge lamp (18) is connected to the output terminal of a lighting circuit (100). A starting circuit (200) is connected in parallel with the discharge lamp (18). A driver (104) and a transistor (116) in the lighting circuit (100), and a transistor (64) on the starting circuit (200) side serve to control a timing at which an output from the lighting circuit (100) is supplied to the discharge lamp (18). When a power source (12) is tuned on, a glow discharge of the discharge lamp (18) is maintained by the transistor (64) using power supplied from a pulse transformer (202) of the starting circuit (200). Subsequently, the glow discharge is shifted to an arc discharge by power supply from the lighting circuit (100) in accordance with a predetermined timing control operation by means of the driver (104) and the transistor (116), thereby lighting the discharge lamp (18).

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CPC (source: EP)
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Cited by
US5506479A; EP1517590A3; EP0740494A3; EP0540924A1; EP0684755A1; EP0794695A1; US5463281A; EP0732869A3; US5770924A; EP0715487A3; US5821696A; EP0946081A1; FR2776887A1; US6075327A; EP0933978A1; FR2774547A1; DE19608649C1; US5965986A; EP0647085A1; US6140770A; US7170235B2; US6194843B1; WO9304569A1; WO0045622A1; WO2010013166A1; WO2006064408A1; WO2004064457A1

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