

Title (en)
Apparatus for operating discharge lamp.

Title (de)
Apparat zum Einschalten von einer Entladungslampe.

Title (fr)
Appareil pour l'opération d'une lampe à décharge.

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EP 0449224 A1 19911002 (EN)

Application
EP 91104798 A 19910326

Priority
JP 8164590 A 19900329

Abstract (en)
In an apparatus for operating discharge lamp of this invention, a DC output frequency supplied from a DC power source (12) can be varied by a high-frequency generator (20) and is supplied to a discharge lamp (241, 242). The ON state of the discharge lamp (241, 242) is detected by an ON detector (34). The output frequency of the high-frequency generator (20) is controlled such that a soft-start circuit (30) generates an output lower than that for normal ON operation of the discharge lamp (241, 242) during a start operation. At the same time, the output frequency of the high-frequency generator (20) is varied down to a level for the normal ON operation. When the ON detector (34) detects the ON operation of the discharge lamp (241, 242) the output frequency of the high-frequency generator (20) is switched to a level for the normal ON operation by a soft-start release circuit (32). <IMAGE>

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CPC (source: EP KR)
H05B 41/24 (2013.01 - KR); **H05B 41/295** (2013.01 - EP)

Citation (search report)
• [A] DE 3432266 A1 19850321 - KNOBEL ELEKTRO APP [CH]
• [A] EP 0091724 A1 19831019 - WESTINGHOUSE ELECTRIC CORP [US]

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CN1096822C; EP0740494A3

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DE GB

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