

Title (en)  
ELECTRONIC BALLAST

Title (de)  
ELEKTRONISCHES VORSCHALTGERÄT

Title (fr)  
BALLAST ELECTRONIQUE

Publication  
**EP 1397943 B1 20091111 (EN)**

Application  
**EP 02746706 A 20020624**

Priority  

- US 0220281 W 20020624
- US 88784801 A 20010622
- US 602101 A 20011205
- US 603601 A 20011205

IPC 8 full level  
**H05B 41/28** (2006.01)

Citation (examination)  
YONG-SIK YOUN; GYUN CHAE; GYU-HYEONG CHO: "A unity power factor electronic ballast for fluorescent lamp having improved valley fill and valley boost converter", POWER ELECTRONICS SPECIALISTS CONFERENCE, 1997. PESC '97 RECORD., NEW YORK, NY, USA, pages 53 - 59, XP010241527

Cited by  
CN111404405A

Designated contracting state (EPC)  
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