

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)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1397943 A1 20040317; EP 1397943 B1 20091111

DOCDB simple family (application)
EP 02746706 A 20020624