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**Declarations under Rule 4.17:**

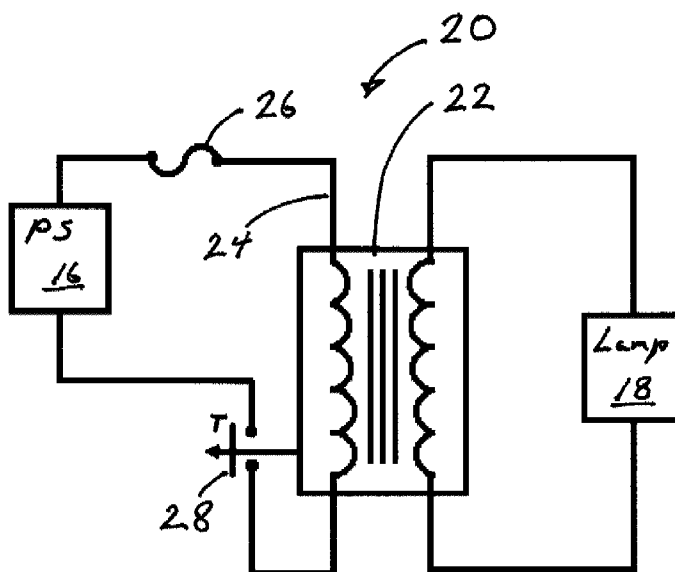
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

**Published:**

- with international search report

[Continued on next page]

(54) Title: MAGNETIC BALLAST FAULT ISOLATION SYSTEM AND METHOD



(57) Abstract: A magnetic ballast fault isolation system and method, with a fault isolation system including a magnetic ballast (22) having a current input (24), the magnetic ballast (22) having an operational current rating and an inrush current rating; and a fast acting fuse (26) operably connected in series with the current input (24), the fast acting fuse (26) having a continuous current rating and an overload current rating. The amperage of the fast acting fuse (26) is selected for the larger of the continuous current rating for a predetermined current factor times the operational current rating and the overload current rating for the inrush current rating.

WO 2007/034412 A3



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**INTERNATIONAL SEARCH REPORT**

International application No  
PCT/IB2006/053373

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. H05B41/285

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 276 354 A (NOONTEK LTD [IE]) 15 January 2003 (2003-01-15) paragraphs [0002] - [0005], [0008] - [0010], [0014] - [0016], [0019] - [0021], [0026], [0031] figures 1-3	1-20
X	US 5 430 635 A1 (LIU GUANG [CA]) 4 July 1995 (1995-07-04) column 1, line 63 - column 2, line 31 column 3, line 5 - column 4, line 10 column 4, line 60 - column 5, line 3 column 5, lines 63-66 figure 2	1-20
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Further documents are listed in the continuation of Box C.       See patent family annex.

\* Special categories of cited documents :

*A* document defining the general state of the art which is not considered to be of particular relevance	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
*E* earlier document but published on or after the international filing date	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Hagan, Colm
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International application No  
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/034794 A (KONINKL PHILIPS ELECTRONICS NV [NL]) 24 April 2003 (2003-04-24) page 3, lines 17-22 page 5, lines 23-25	1-20
X	WO 98/27791 A (PACIFIC SCIENTIFIC CO [US]) 25 June 1998 (1998-06-25) abstract page 6, lines 6-19 figures 3,4	1-20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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US 5430635	A1	NONE	
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