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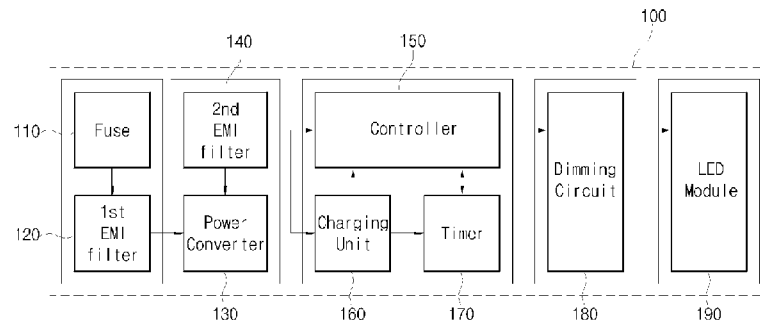
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(54) **Title:** ENERGY SAVING LED HAVING DIMMING FUNCTION AND MOOD-LIGHTING CONTROL FUNCTION

[Fig. 2]



(57) **Abstract:** An energy saving LED lamp is disclosed. The LED lamp can control dimming or mood-lighting operation through repeated on/off operations of a simple power switch currently installed in a building, thereby eliminating requirement for any additional labor to change the existing switch or device for obtaining a dimming function or mood-lighting control function.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC: <i>H05B 37/02</i> (2006.01) 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 practicable, search terms used) WPI, EPODOC, Espacenet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007267984 A1 (PENG CHRIS) 22 November 2007 (22.11.2007) Abstract; claims 1, 13; Fig. 3	1, 6, 11, 16
A	KR 20030029780 A (KIM, MEE HYUN) 16 April 2003 (16.04.2003) Abstract	1
A	CN 20096969 1 Y (SONG JIAHONG) 31 October 2007 (31.10.2007) Abstract; Fig.f	1
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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Information on patent family members

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			US	A1	2010237790	2010-09-23
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CN	Y	200969691	CN	Y	200969691	2007-10-31