

Title (en)  
Electric incandescent lamp

Title (de)  
Elektrische Glühlampe

Title (fr)  
Lampe électrique à incandescence

Publication  
**EP 1564789 B1 20081105 (DE)**

Application  
**EP 04030342 A 20041221**

Priority  
DE 102004004017 A 20040122

Abstract (en)  
[origin: EP1564789A2] A bent-back end and an outgoing filament line of incandescent filaments (4,5) are arranged on a plane transverse to the winding axes of the incandescent filaments.

IPC 8 full level  
**H01K 1/18** (2006.01); **H01K 1/40** (2006.01); **B60Q 1/00** (2006.01); **H01K 1/00** (2006.01); **H01K 1/02** (2006.01); **H01K 1/16** (2006.01); **H01K 3/06** (2006.01); **H01K 9/08** (2006.01)

CPC (source: EP KR US)  
**H01K 1/18** (2013.01 - EP KR US); **H01K 1/40** (2013.01 - KR)

Cited by  
US8212476B2; WO2008074638A3

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1564789 A2 20050817; EP 1564789 A3 20080123; EP 1564789 B1 20081105**; AT E413689 T1 20081115; CA 2493844 A1 20050722; CN 100555560 C 20091028; CN 1645558 A 20050727; DE 102004004017 A1 20050825; DE 502004008402 D1 20081218; ES 2314333 T3 20090316; JP 2005209655 A 20050804; JP 4910108 B2 20120404; KR 101119388 B1 20120306; KR 20050076740 A 20050727; US 2005162091 A1 20050728

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**EP 04030342 A 20041221**; AT 04030342 T 20041221; CA 2493844 A 20050121; CN 200510004679 A 20050121; DE 102004004017 A 20040122; DE 502004008402 T 20041221; ES 04030342 T 20041221; JP 2005015925 A 20050124; KR 20050003166 A 20050113; US 3488305 A 20050114