

Title (en)  
Color variable lamp, especially for dental use

Title (de)  
Farbwechselnde zahnärztliche Beleuchtungsvorrichtung

Title (fr)  
Dispositif d'illumination à changement de couleur pour le domaine dentaire

Publication  
**EP 1880692 A1 20080123 (EN)**

Application  
**EP 06425516 A 20060721**

Priority  
EP 06425516 A 20060721

Abstract (en)  
A lamp, especially for dental use, comprises: an external casing (1) mounting a light source (2) that generates rays of light in a certain wavelength range; means (3) for directing the light rays generated by the light source (2) in the form of a predetermined beam (F) and towards a desired area; a surface (4) for protecting the front of the light source (2) and of the directing means (3), and through which the light beam (F) passes, to form an element for enclosing the front of the illuminating body or reflector together with the external casing (1); light filtering means (6) acting on the lamp (5) and designed to permit the emission of light radiation limited to predetermined wavelengths to avoid early polymerization of dental preparations; means (7) for enabling and disabling the filtering means (6), located on the lamp (5) and acting on the filtering means (6) when required.

IPC 8 full level  
**A61C 19/00** (2006.01); **F21S 8/00** (2006.01); **F21S 10/02** (2006.01); **F21V 9/06** (2006.01); **F21V 17/10** (2006.01)

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Citation (search report)

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