

Title (en)

Lamp fuel composition for producing colored flames and manufacturing method thereof

Title (de)

Lampenbrennstoffzusammensetzung zur Erzeugung gefärbter Flammen und ihr Herstellungsverfahren

Title (fr)

Composition de combustible pour lampe pour la génération de flammes colorées et méthode de fabrication de celui-ci

Publication

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Application

EP 02290129 A 20020118

Priority

KR 20010085176 A 20011226

Abstract (en)

The present invention discloses a lamp fuel composition for producing colored flames comprising a coloring agent, a fuel, a fuel supporter, a capillary linker and a scent and obtainable by heating the ingredients while stirring and cooling, and a method of manufacturing the same. The composition for producing colored flame can provide stably and continuously flames of different colors such as red, green, orange, yellow, blue, violet, light purple, white rose and rainbow color according to the used coloring agents, upon burning. The composition is useful as decorative illumination.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

EP2865734A1; WO2007007191A1; CN102388118A; CN102311814A; EP1546291A4; US7556658B2; EP2287277A1; AU2006268005B2; US8870981B2; WO2008084251A1; WO2010091690A3; WO2009007966A3

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