

Title (en)
Generation of white light with Light Emitting Diodes having different spectrum

Title (de)
Erzeugung von weissem Licht mit LED mit verschiedenen Spektrum

Title (fr)
Génération de lumière blanche avec des diodes électroluminescentes de spectres différents

Publication
EP 1610593 B2 20200219 (EN)

Application
EP 05076817 A 20001120

Priority
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• US 20114000 P 20000502
• US 23567800 P 20000927
• EP 00980578 A 20001120
• US 0031877 W 20001120

Abstract (en)
[origin: EP1610593A2] A light source for generating essentially white light, comprising at least one first white LED having a first spectrum and at least one second white LED having a second spectrum, the first spectrum being different than the second spectrum.

IPC 8 full level
F21K 9/20 (2016.01); **F21K 99/00** (2010.01); **H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
H05B 45/20 (2020.01 - EP US); **H05B 45/22** (2020.01 - US); **H05B 47/175** (2020.01 - EP US); **H05B 45/22** (2020.01 - EP)

Citation (opposition)
Opponent :
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• DE 69305002 T2 19970403 - MATSUSHITA ELECTRIC WORKS LTD [JP]
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• GB 2306636 A 19970507 - ASHLEY & ROCK LTD [GB]
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EP 1610593 A2 20051228; EP 1610593 A3 20070523; EP 1610593 B1 20150708; EP 1610593 B2 20200219

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