

Title (en)
System and method for controlling LED cluster

Title (de)
System und Verfahren zur Steuerung eines LED-Clusters

Title (fr)
Système et procédé pour le contrôle de grappe de DEL

Publication
EP 2273851 A2 20110112 (EN)

Application
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Priority
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Abstract (en)
In one embodiment, a control system is for controlling a lighting system which comprises a cluster (20) of different colour LEDs. The control system comprises a first control unit (24) for generating amplitude values for the different LEDs of the cluster to provide a desired colour point and a second control unit (38) for controlling pulse width values for the different LEDs to provide a desired brightness. Current sources (32) are provided for individually driving the LEDs of the cluster. This system allows the control of colour point to be independent from the control of brightness of the LED cluster. This provides a low cost solution and a fast, accurate and flexible control to a LED cluster.

IPC 8 full level
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