

Title (en)  
ILLUMINATING DEVICE

Title (de)  
BELEUCHTUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ÉCLAIRAGE

Publication  
**EP 3053409 B1 20190828 (DE)**

Application  
**EP 14780448 A 20140930**

Priority

- DE 102013016386 A 20130930
- EP 14155995 A 20140220
- EP 14156035 A 20140220
- EP 2014070893 W 20140930
- EP 14780448 A 20140930

Abstract (en)  
[origin: WO201504442A2] The invention relates to a method for generating a sequence of binary code words of a multi-bit code for a control signal, wherein in the method, a multi-bit code having a plurality of binary code words each having the same number of n bits, is provided with  $n > 1$ , which can be sub-divided into at least two code classes of code words, wherein at least one code class has a plurality of code words having the same number of one bits, and the number of one bits of the code words of the code classes varies from code class to code class. The control signal is generated as a sequence of the code words of a code class, wherein the code words of said code class are randomly, or quasi randomly controlled in the control signal, or sequentially in randomly varying or deterministically varying order, wherein from the number of code words of a code class, a subset of code words comprising at least two code words is selected, and wherein the code words of said subset are utilized for generating the control signal.

IPC 8 full level  
**H05B 33/08** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)  
**H05B 45/32** (2020.01 - EP US); **H05B 45/345** (2020.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2854482 A1 20150401**; DE 102013016386 A1 20150402; EP 2854483 A1 20150401; EP 3053409 A2 20160810; EP 3053409 B1 20190828; EP 3053410 A2 20160810; EP 3053410 B1 20210804; WO 2015044442 A2 20150402; WO 2015044442 A3 20150813; WO 2015044447 A2 20150402; WO 2015044447 A3 20150813

DOCDB simple family (application)  
**EP 14155995 A 20140220**; DE 102013016386 A 20130930; EP 14156035 A 20140220; EP 14780448 A 20140930; EP 14783571 A 20140930; EP 2014070885 W 20140930; EP 2014070893 W 20140930