

Title (en)

A LIGHT SOURCE FOR A SORTING APPARATUS

Title (de)

LICHTQUELLE FÜR EINE SORTIERVORRICHTUNG

Title (fr)

SOURCE DE LUMIÈRE DESTINÉE À UN APPAREIL DE TRI

Publication

**EP 3262337 A4 20181031 (EN)**

Application

**EP 16844834 A 20160629**

Priority

- US 201514849301 A 20150909
- US 2016039985 W 20160629

Abstract (en)

[origin: WO2017044177A1] A light source for a sorting apparatus is described and which includes an illuminator having a multiplicity of modules which are electrically coupled together, and which further include a plurality of light emitting diodes which can be selectively energized, by a computer network so as to parametrically control a temporal, spatial, and spectral energizing of the respective modules; and a light diffuser member is located in spaced relation relative to the illuminator, and which passes and substantially renders a visibly luminous or invisible emission substantially uniform.

IPC 8 full level

**F21K 99/00** (2016.01); **B07C 5/34** (2006.01); **B07C 5/342** (2006.01); **F21V 3/02** (2006.01)

CPC (source: EP)

**B07C 5/342** (2013.01)

Citation (search report)

- [X] US 2012138514 A1 20120607 - JANSSENS CARLO [BE], et al
- [X] US 2007045524 A1 20070301 - RAINS JACK C JR [US], et al
- [X] US 2010188017 A1 20100729 - BRUKILACCHIO THOMAS J [US]
- See references of WO 2017044177A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2017044177 A1 20170316**; EP 3262337 A1 20180103; EP 3262337 A4 20181031; JP 2018529927 A 20181011

DOCDB simple family (application)

**US 2016039985 W 20160629**; EP 16844834 A 20160629; JP 2017550855 A 20160629