

Title (en)
PROCESS FOR MANUFACTURING A SET OF LIGHT EMITTERS

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES SATZES VON LICHEMITTERN

Title (fr)
PROCÉDÉ DE FABRICATION D'UN ENSEMBLE D'ÉMETTEURS DE LUMIÈRE

Publication
EP 4059061 A1 20220921 (FR)

Application
EP 20800155 A 20201105

Priority

- FR 1912800 A 20191115
- EP 2020081059 W 20201105

Abstract (en)
[origin: WO2021094177A1] The invention relates to a process for manufacturing a set of light emitters each comprising an emitting structure and an electrical contact (35), the process comprising steps of: - providing a wafer bearing a set of emitting structures, each emitting structure being configured to emit a first emission when an electrical current flows through the emitting structure, and - manufacturing, for each emitting structure, an electrical contact (35), the contacts (35) being electrically insulated from one another. The manufacturing step comprises: - forming a first set of at least two contacts (35) and of at least one conductor (80A), the contacts (35) of the first set being electrically connected together by the one or more conductors (80A), - injecting, for each contact (35) belonging to the first set, an electrical current through said contact (35) and the corresponding emitting structure, and - observing an emission emitted in response to the injection.

IPC 8 full level
H01L 33/00 (2010.01); **H01L 21/66** (2006.01); **H01L 25/075** (2006.01); **H01L 27/15** (2006.01); **H01L 33/18** (2010.01); **H01L 33/24** (2010.01); **H01L 33/32** (2010.01); **H01L 33/62** (2010.01)

CPC (source: EP US)
H01L 25/0753 (2013.01 - US); **H01L 27/156** (2013.01 - EP); **H01L 33/005** (2013.01 - US); **H01L 33/0095** (2013.01 - EP); **H01L 33/62** (2013.01 - EP US); **H01L 25/0753** (2013.01 - EP); **H01L 33/18** (2013.01 - EP); **H01L 33/24** (2013.01 - EP); **H01L 33/32** (2013.01 - EP); **H01L 33/42** (2013.01 - EP); **H01L 2933/0033** (2013.01 - EP); **H01L 2933/0066** (2013.01 - EP US)

Citation (search report)
See references of WO 2021094177A1

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)
FR 3103322 A1 20210521; FR 3103322 B1 20230407; EP 4059061 A1 20220921; US 2022416137 A1 20221229; WO 2021094177 A1 20210520

DOCDB simple family (application)
FR 1912800 A 20191115; EP 2020081059 W 20201105; EP 20800155 A 20201105; US 202017776915 A 20201105