

Title (en)
LUMINAIRE FOR IRRADIATING A TARGET

Title (de)
LEUCHTE ZUM BESTRAHLEN EINES TARGETS

Title (fr)
APPAREIL D'ÉCLAIRAGE POUR EXPOSER UNE CIBLE À UN RAYONNEMENT

Publication
EP 3894927 A2 20211020 (DE)

Application
EP 19829424 A 20191210

Priority
• DE 102018221729 A 20181214
• EP 2019084394 W 20191210

Abstract (en)
[origin: WO2020120460A2] The invention relates to a luminaire (1) for irradiating a target, such as a printed product (3) with paint or the like printed thereon, comprising a plurality of semiconductor light sources (11, 12, 13), at least two first semiconductor light sources (11) forming a first row of light sources (21) oriented in a lateral direction (L), and at least two further semiconductor light sources (12) forming a second row of light sources (22) oriented in the lateral direction (L). The luminaire comprises a plurality of separate lenses (31, 32, 33) for collimating and/or collecting light of the semiconductor light sources (12, 13, 13), each of the rows of light sources (21, 22) being associated with one of the lenses (31, 32, 33).

IPC 8 full level
G02B 19/00 (2006.01); **G02B 7/02** (2021.01); **G02B 27/09** (2006.01)

CPC (source: EP US)
B41F 23/0406 (2013.01 - EP US); **B41J 11/0021** (2021.01 - EP US); **G02B 3/005** (2013.01 - US); **G02B 7/021** (2013.01 - EP US); **G02B 7/023** (2013.01 - EP US); **G02B 19/0066** (2013.01 - EP US); **G02B 19/0095** (2013.01 - EP US); **G02B 27/0966** (2013.01 - EP); **G02B 3/005** (2013.01 - EP)

Citation (search report)
See references of WO 2020120460A2

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 2020120460 A2 20200618; **WO 2020120460 A3 20200813**; CN 113196128 A 20210730; DE 102018221729 A1 20200618; EP 3894927 A2 20211020; JP 2022512138 A 20220202; JP 7367024 B2 20231023; US 2022252764 A1 20220811

DOCDB simple family (application)
EP 2019084394 W 20191210; CN 201980082481 A 20191210; DE 102018221729 A 20181214; EP 19829424 A 20191210; JP 2021532243 A 20191210; US 201917413252 A 20191210