

Title (en)

HIGH SPEED LIGHT VALVE SYSTEM

Title (de)

HOCHGESCHWINDIGKEITSLICHTVENTILSYSTEM

Title (fr)

SYSTÈME DE MODULATEUR DE LUMIÈRE À GRANDE VITESSE

Publication

EP 4237170 A1 20230906 (EN)

Application

EP 21887512 A 20211028

Priority

- US 202063107310 P 20201029
- US 2021057038 W 20211028

Abstract (en)

[origin: WO2022094071A1] An additive manufacturing system includes a high power laser to form a high fluence laser beam. A 2D patternable light valve having a structure responsive to electron emission is positioned to receive and pattern light received from the high power laser.

IPC 8 full level

B22F 3/105 (2006.01); B22F 10/28 (2021.01); B23K 26/04 (2014.01); B29C 64/268 (2017.01); B29C 64/286 (2017.01); G02B 27/14 (2006.01)

CPC (source: EP IL)

B22F 10/28 (2021.01 - EP IL); B22F 12/44 (2021.01 - EP IL); B22F 12/45 (2021.01 - EP IL); B23K 26/0608 (2013.01 - EP); B23K 26/064 (2013.01 - EP); B23K 26/082 (2015.10 - EP); B23K 26/342 (2015.10 - EP); B29C 64/153 (2017.08 - IL); B29C 64/268 (2017.08 - EP IL); B29C 64/282 (2017.08 - EP IL); B29C 64/286 (2017.08 - EP IL); B33Y 10/00 (2014.12 - IL); B33Y 30/00 (2014.12 - EP IL); G02B 27/0977 (2013.01 - EP IL); G02B 27/14 (2013.01 - EP IL); G02F 1/293 (2013.01 - EP); B29C 64/153 (2017.08 - EP); B33Y 10/00 (2014.12 - EP); G02F 1/0126 (2013.01 - EP); G02F 1/09 (2013.01 - EP); G02F 1/1313 (2013.01 - EP); G02F 1/1333 (2013.01 - EP); G02F 1/133348 (2013.01 - EP); G02F 2201/44 (2013.01 - EP); G02F 2202/12 (2013.01 - EP); G02F 2203/12 (2013.01 - EP); H01J 29/12 (2013.01 - EP); Y02P 10/25 (2015.11 - EP IL)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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