

Title (en)

DEVICE FOR PRODUCING A POLYCHROMATIC LIGHT BEAM BY COMBINING A PLURALITY OF INDIVIDUAL LIGHT BEAMS

Title (de)

VORRICHTUNG ZUR ERZEUGUNG EINES POLYCHROMATISCHEN LICHTSTRAHLS DURCH KOMBINATION MEHRERER EINZELNER LICHTSTRAHLEN

Title (fr)

DISPOSITIF POUR PRODUIRE UN FAISCEAU LUMINEUX POLYCHROMATIQUE PAR COMBINAISON DE PLUSIEURS FAISCEAUX LUMINEUX INDIVIDUELS

Publication

**EP 4327140 A1 20240228 (FR)**

Application

**EP 22723101 A 20220414**

Priority

- FR 2104212 A 20210422
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Abstract (en)

[origin: WO2022223459A1] The invention relates to a device which comprises a plurality of separate laser sources (11, 12, 13, 14) which each emit an individual light beam, a dispersive element (30), and a set (220) of deflection mirrors which, for each laser source, comprises one deflection mirror (221) associated with this source, this mirror reflecting the light beam (F4) emitted by this source towards the dispersive element, this mirror being positioned and oriented so that, after being diverted by the dispersive element, said light beam is substantially centred on a common propagation axis (Xo) which is the same for the various light beams, said mirrors being rigidly connected to one another.

IPC 8 full level

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CPC (source: EP US)

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