

Title (en)
Multiple beam lasertron.

Title (de)
Mehrfachstrahl-Lasertron.

Title (fr)
Lasertron à faisceaux multiples.

Publication
EP 0251830 A1 19880107 (FR)

Application
EP 87401020 A 19870504

Priority
FR 8607826 A 19860530

Abstract (en)
[origin: US4749906A] The invention relates to multiple beam lasertrons. The n (n: integer greater than 1) electron beams of the lasertron are obtained from the same laser beam from which n secondary laser beams are extracted, by occultation, which are deflected respectively towards the n photocathodes of the lasertron.

Abstract (fr)
L'invention concerne les lasertrons à faisceaux multiples. Les n (n : nombre entier supérieur à 1), faisceaux d'électrons (3) du lasertron sont obtenus à partir d'un même faisceau laser (2) dont, par occultation, sont extraits n faisceaux lasers secondaires qui sont déviés respectivement vers les n photocathodes (1) du lasertron.

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H01J 3/021 (2013.01 - EP US); **H01J 23/04** (2013.01 - EP US); **H01J 25/04** (2013.01 - EP US); **H01J 2201/342** (2013.01 - EP US)

Citation (search report)
• [A] DE 3038405 A1 19810423 - US ENERGY [US]
• [A] US 3107313 A 19631015 - HECHTEL JOHANN R
• [A] US 3403257 A 19680924 - PETROFF MICHAEL D

Cited by
EP0895266A1; US6094010A; EP0485266A1; FR2669145A1; US5313138A

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