

Title (en)

Method for visualising the intensity profile of a laser pulse

Title (de)

Verfahren zum Anzeigen des Profils der Intensität einer Laserpuls

Title (fr)

Méthode pour visualiser le profil d'intensité d'une impulsion laser

Publication

EP 0678218 B1 19990929 (FR)

Application

EP 92902925 A 19920127

Priority

- EP 9200165 W 19920127
- LU 87882 A 19910130

Abstract (en)

[origin: EP0497244A1] The invention relates to an ultrafast camera for displaying the intensity profile of a laser pulse. This camera includes, inside an evacuated enclosure, a photocathode, an extraction grid, focusing electrodes, deflection plates and a display screen. According to the invention, the electron emitter consists of at least one metal point (3, 12) and of means (9, 10) for conveying the said laser pulse (13) into a zone situated opposite this point. <IMAGE>

IPC 1-7

H01J 31/50

IPC 8 full level

H01J 31/50 (2006.01)

CPC (source: EP US)

H01J 31/502 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0497244 A1 19920805; AT E185220 T1 19991015; CA 2100266 A1 19920731; CA 2100266 C 20020514; DE 69230075 D1 19991104; DE 69230075 T2 20000105; EP 0678218 A1 19951025; EP 0678218 B1 19990929; IE 920295 A1 19920729; JP H06504649 A 19940526; LU 87882 A1 19921015; US 5362959 A 19941108; WO 9214257 A1 19920820

DOCDB simple family (application)

EP 92101273 A 19920127; AT 92902925 T 19920127; CA 2100266 A 19920127; DE 69230075 T 19920127; EP 9200165 W 19920127; EP 92902925 A 19920127; IE 920295 A 19920129; JP 50303192 A 19920127; LU 87882 A 19910130; US 9406193 A 19930728