

Title (en)

ULTRA FAST CAMERA FOR VISUALIZING THE INTENSITY PROFILE OF A LASER PULSE.

Title (de)

ULTRASCHNELLE KAMERA ZUM ANZEIGEN DES PROFILS DER INTENSITÄT EINES LASERPULS.

Title (fr)

CAMERA ULTRARAPIDE POUR VISUALISER LE PROFIL D'INTENSITÉ D'UNE IMPULSION LASER.

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Application

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Priority

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- 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>

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