

Title (en)
OPTICAL METROLOGY SYSTEM

Title (de)
OPTISCHES METROLOGIESYSTEM

Title (fr)
SYSTEME DE METROLOGIE OPTIQUE

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Application
EP 08762037 A 20080205

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Abstract (en)
[origin: WO2008110721A2] The invention relates to a device for positioning an object relative to a reference position, characterised in that it comprises a laser (1) associated with an acoustic-optical modulator (3) for transmitting at least two parallel and modulated phase-opposed laser beams, said beams being focused on a slot (F) connected to the object to be positioned (OBJ), the larger side of the slot (F) being perpendicular to the positioning direction, and a photodiode (13) adapted for collecting the beams from the slot (F) and associated with a synchronous detection amplifier (9) for supplying a signal indicative of the slot (F) position relative to the reference position.

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