

Title (en)
ELECTRO OPTICAL CONTROL INSTALLATION FOR CONTROLLING THE CONTENT OF CONTAINERS.

Title (de)
ELEKTROOPTISCHE FLASCHENINHALTSKONTROLLEINRICHTUNG.

Title (fr)
INSTALLATION ELECTRO-OPTIQUE DE CONTROLE DU CONTENU DE RECIPIENTS.

Publication
EP 0094396 A1 19831123 (DE)

Application
EP 82903312 A 19821118

Priority
DE 3145686 A 19811119

Abstract (en)
[origin: DE3145686A1] The installation which allows to control particularly large bottles comprises, as in conventional installations, a row (20) of phototransistors (22), but it uses, as light source, a laser (10), of which the ray (12) is spread by means of a cylindrical convex surface (14) forming a plane light beam (16); in front of the row of phototransistors (20) there is arranged a lens which projects the shape of any impurity of the content on at least one of the phototransistors (22).

Abstract (fr)
L'installation qui permet de contrôler notamment les grandes bouteilles comporte comme dans les installations conventionnelles une rangée (20) de phototransistors (22), mais elle utilise comme source lumineuse un laser (10), dont le rayon (12) est étalé au moyen d'une surface convexe cylindrique (14) formant un faisceau lumineux plat (16); devant la rangée de phototransistors (20) est disposée une lentille qui projette l'ombre de toute impureté du contenu sur au moins l'un des phototransistors (22).

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