

Title (en)

SECURING A HAZARDOUS AREA IN THE REGION SURROUNDING THE AUTOMATIC LOADING OF REELS ON A REEL CHANGER

Title (de)

GEFAHRENBEREICHABSICHERUNG FÜR DEN BEREICH DER AUTOMATISCHEN ROLLENBESTÜCKUNG AN EINEM ROLLENWECHSLER

Title (fr)

PROTECTION DE ZONE DE DANGER POUR LA ZONE DE GARNISSAGE AUTOMATIQUE SUR UN CHANGEUR DE BOBINE

Publication

**EP 2346762 A1 20110727 (DE)**

Application

**EP 09781152 A 20090728**

Priority

- EP 2009059698 W 20090728
- DE 102008042813 A 20081014

Abstract (en)

[origin: WO2010043430A1] The invention relates to securing a hazardous area in the region surrounding a reel transport (01) on a reel changer, comprising a contactless protective device at the access boundaries of the region which can be deactivated for feeding and/or removing a known object, and comprising an evaluation unit, wherein the protective device is designed as a light curtain (03) comprising a plurality of light beams (04) that run in parallel to each other, wherein the evaluation unit comprises means for detecting the sequence of the interruption of the light beams (04) when feeding and/or removing an object. On the basis of said sequence, a known object that is permitted to access the hazardous area is detected and the protective device is deactivated in this case. Securing a hazardous region further includes a second contactless protection device, which is permanently active.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010043430A1

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