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**(54) Title (EN):** CONVEYOR LINE SYSTEM AND SHIPPING CONTAINER

**(54) Title (FR):** SYSTÈME DE LIGNE DE TRANSPORTEUR ET CONTENEUR D'EXPÉDITION

**(54) Title (JA):** コンベアラインシステム及び搬送容器

**(57) Abstract:**

**(EN):** Provided is a conveyor line system for managing a shipping container having a recording unit on which images are recorded by laser light irradiation, and an image unit on which display images are produced, wherein the conveyor line system includes at least an image processing device for irradiating the recording unit with laser light to record images and/or delete images, and, at the wavelength of laser light directed onto the recording unit during image recording, the absorptivity (A) of the recording unit and the absorptivity (B) of the image unit of the shipping container satisfy the equation  $A + 30 > B$ .

**(FR):** L'invention concerne un système de ligne de transporteur pour gérer un conteneur d'expédition ayant une unité d'enregistrement sur laquelle sont enregistrées des images par émission de lumière laser, et une unité d'image sur laquelle sont produites des images d'affichage, le système de ligne de transporteur comprenant au moins un dispositif de traitement d'image pour rayonner sur l'unité d'enregistrement une lumière laser pour enregistrer des images et/ou effacer des images, et, à la longueur d'onde de la lumière laser dirigée sur l'unité d'enregistrement pendant un enregistrement d'image, l'absorptivité (A) de l'unité d'enregistrement et l'absorptivité (B) de l'unité d'image du conteneur d'expédition satisfont l'équation  $A + 30 > B$ .

**(JA):** レーザ光の照射により画像記録される記録部と、表示画像が描かれた画像部とを有する搬送容器を管理するコンベアラインシステムであって、前記記録部にレーザ光を照射して画像記録及び画像消去の少なくともいずれかを行

う画像処理装置を少なくとも配置してなり、前記記録部に画像記録時に照射するレーザー光の波長において、前記記録部の吸収率Aと、前記搬送容器の前記画像部の吸収率Bとが、次式、 $A + 30 > B$ を満たすコンペアラインシステムを提供する。

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