

Title (en)

STATIONARY ENCLOSED CYLINDRICAL SCREEN WITH ROTATING AGITATORS.

Title (de)

FESTSTEHENDES, GESCHLOSSENES, ZYLINDRISCHES SIEB MIT ROTIERENDEN RÜHRERN.

Title (fr)

ECRAN CYLINDRIQUE FIXE INTERIEUR AVEC AGITATEURS ROTATIFS.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO7900547A1] Stationary cylindrical screen enclosed in a cylindrical support structure (2) formed of removable doors (2A) composed of multiple individually removable screen boards (3) which may be of different mesh size; a shaft (16) (22) is mounted within the screen and contains adjustably oriented rotatable blenders (17). Screen performs multiple functions of elevating feed pneumatically, screening, blending and removal of product and eliminates need for separate apparatus such as pneumatic conveyors, screens per se, blenders, and dischargers; principal use is for processing grain products.

Abstract (fr)

Un ecran cylindrique fixe place dans une structure de support cylindrique (2) formee de portes demontables (2A) se compose d'une multitude de panneaux-ecrans demontables (3) pouvant avoir des mailles de grandeurs differentes; un arbre (16) (22) est monte dans l'ecran et possede des agitateurs rotatifs (17) dont on peut regler l'orientation. L'ecran a plusieurs fonctions-elevation, criblage, melange et extraction du produit - et elimine le besoin d'avoir des machines separees comme des transporteurs, des ecrans per se, des melangeurs et des dechargeurs pneumatiques; il est destine principalement au traitement des produits sous forme de grains.

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