

Title (en)

GRAIN STORAGE SYSTEM INCLUDING BIN FLOOR BASE SUPPORTING FLOOR PANELS

Title (de)

GETREIDELAGERSYSTEM MIT DIE BEHÄLTERBODENBASIS STÜTZENDEN BODENPLATTEN

Title (fr)

SYSTEME DE STOCKAGE DE CEREALES COMPRENANT UNE BASE DE PLANCHER DE SILO SOUTENANT DES PANNEAUX DE PLANCHER

Publication

EP 1809835 A4 20090429 (EN)

Application

EP 05775407 A 20050725

Priority

- US 2005026193 W 20050725
- US 62350404 P 20041029
- US 6847105 A 20050228
- US 2005006367 W 20050228

Abstract (en)

[origin: WO2006049662A1] A storage system having a plurality of interconnected base support members. The base support members have upper and lower horizontal rails spanning across and integrally connected by a plurality of transverse support columns. The rails include a longitudinally extending center segment and a stabilizing portion adjacent each end thereof. The stabilizing portions extend in opposite directions forming a non-planar self-supporting base support structure, a plurality of which support floor panels. The floor panels comprise a center support disposed between first and second support members. The center support is connected to the first support member by a first floor surface and to the second support member by a second floor surface.

IPC 8 full level

E04H 7/22 (2006.01); **F26B 25/10** (2006.01)

CPC (source: EP)

B65D 88/742 (2013.01); **F26B 9/063** (2013.01); **F26B 25/10** (2013.01)

Citation (search report)

- [A] US 3979871 A 19760914 - POLLOCK EUGENE B
- [A] US 4281489 A 19810804 - KALLESTAD DANIEL R, et al
- [A] US 4562678 A 19860107 - CARROLL MICHAEL W [US], et al
- [A] US 3512322 A 19700519 - STEFFEN VINCENT B
- [A] US 4409771 A 19831018 - LOWE COLIN F [US]
- See references of WO 2006049662A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006049662 A1 20060511; EP 1809835 A1 20070725; EP 1809835 A4 20090429; EP 1809835 B1 20110907

DOCDB simple family (application)

US 2005026193 W 20050725; EP 05775407 A 20050725