

Title (en)

CRATE ASSEMBLIES FOR TRANSPORTING SPOOLS OF GLASS

Title (de)

KISTENANORDNUNGEN ZUM TRANSPORT VON SPULEN AUS GLAS

Title (fr)

ENSEMBLES BOÎTIER DESTINÉS AU TRANSPORT DE BOBINES DE VERRE

Publication

EP 3548398 A1 20191009 (EN)

Application

EP 17817968 A 20171129

Priority

- US 201662427404 P 20161129
- US 2017063578 W 20171129

Abstract (en)

[origin: WO2018102334A1] A crate assembly includes an external crate assembly (12) having a top (16), a bottom (18), sides (20, 21) and ends (22, 23). An internal spool support assembly (14) is located within the external crate assembly (12). The internal spool support assembly (14) includes a lower spool support structure (54). The lower spool support structure (54) includes a first lower spool support assembly (58) located at one of the ends (22, 23) of the external crate assembly (12). A second lower spool support assembly (60) is located at an opposite one of the ends (22, 23) of the external crate assembly (12). The first lower spool support assembly (58) is separated from the second lower spool support assembly (60) such that the first and second lower spool assemblies (58, 60) may move relative to each other.

IPC 8 full level

B65D 81/107 (2006.01)

CPC (source: EP KR US)

B65D 81/107 (2013.01 - EP KR US); **B65D 85/48** (2013.01 - KR); **B65D 85/672** (2013.01 - US); **B65D 2581/055** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2018102334A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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