

Title (en)

TUBE CONNECTION AND SUPPORT FRAME HAVING A TUBE CONNECTION

Title (de)

ROHRVERBINDUNG SOWIE TRAGRAHMEN MIT EINER ROHRVERBINDUNG

Title (fr)

RACCORD DE TUBES ET CADRE DE SUPPORT COMPORTANT UN RACCORD DE TUBES

Publication

EP 2964538 B1 20170503 (DE)

Application

EP 14713772 A 20140304

Priority

- DE 102013203649 A 20130304
- EP 2014054145 W 20140304

Abstract (en)

[origin: WO2014135520A1] The invention relates to a tube connection and a support frame having such tube connections, wherein the tube connection has a receiving tube (47) and an insertion tube (48), which are designed as cardboard tubes, wherein the receiving tube and the insertion tube each have a tube cross-section formed by connected fold surfaces, in such a way that the tube cross-sections each form at least two adjacent rectangular tube chambers and the receiving tube has a receiving tube chamber open to a connecting side of the cardboard tube in order to form a receiving groove (46), in which receiving tube chamber the insertion tube is inserted by means of an insertion tube chamber or an axial end segment in order to establish a connection to the receiving tube.

IPC 8 full level

B65D 5/42 (2006.01); **B65D 19/38** (2006.01); **B65D 5/32** (2006.01); **B65D 19/20** (2006.01)

CPC (source: EP)

B65D 5/4279 (2013.01); **B65D 19/385** (2013.01); **B65D 5/32** (2013.01); **B65D 19/20** (2013.01); **B65D 2519/00159** (2013.01);
B65D 2519/00228 (2013.01); **B65D 2519/00502** (2013.01); **B65D 2519/00532** (2013.01); **B65D 2519/00587** (2013.01);
B65D 2519/00606 (2013.01); **B65D 2519/00641** (2013.01); **B65D 2519/00676** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2014135520 A1 20140912; EP 2964538 A1 20160113; EP 2964538 B1 20170503; ES 2637639 T3 20171016; HR P20171160 T1 20171103;
PL 2964538 T3 20171229; RS 56356 B1 20171229; SI 2964538 T1 20171130

DOCDB simple family (application)

EP 2014054145 W 20140304; EP 14713772 A 20140304; ES 14713772 T 20140304; HR P20171160 T 20170728; PL 14713772 T 20140304;
RS P20170766 A 20140304; SI 201430324 T 20140304