

Title (en)

Device for manipulating multiple-wall flat components

Title (de)

Vorrichtungen zum Manipulieren von mehrschaligen flächigen Bauteilen

Title (fr)

Dispositif destiné à la manipulation de plusieurs composants plats multicouches

Publication

EP 2826930 B1 20180117 (DE)

Application

EP 14450037 A 20140715

Priority

AT 5752013 A 20130715

IPC 8 full level

E04G 21/14 (2006.01); **E04C 2/04** (2006.01); **E04C 2/52** (2006.01)

CPC (source: AT EP)

B66C 1/62 (2013.01 - AT); **B66C 1/66** (2013.01 - AT); **B66C 1/666** (2013.01 - AT); **E04C 2/526** (2013.01 - EP); **E04G 21/142** (2013.01 - AT EP); **E04G 21/145** (2013.01 - AT); **E04C 2002/045** (2013.01 - EP)

Cited by

CN113417404A; EP3078784A1; FR3034791A1; DE102017111473A1; DE102017111469A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2826930 A1 20150121; **EP 2826930 B1 20180117**; AT 514423 A4 20150115; AT 514423 B1 20150115; DK 2826930 T3 20180430; DK 2975196 T3 20180528; EP 2975196 A1 20160120; EP 2975196 B1 20180214; NO 2826930 T3 20180616; NO 2975196 T3 20180714; PL 2826930 T3 20180731; PL 2975196 T3 20180731

DOCDB simple family (application)

EP 14450037 A 20140715; AT 5752013 A 20130715; DK 14450037 T 20140715; DK 15002298 T 20140715; EP 15002298 A 20140715; NO 14450037 A 20140715; NO 15002298 A 20140715; PL 14450037 T 20140715; PL 15002298 T 20140715