

Title (en)

AUTOMATIC PRESSED ARTICLE MANUFACTURING SYSTEM USING DOUBLE ROBOT LINE FOR TANDEM PRESS LINE

Title (de)

AUTOMATISCHES HERSTELLUNGSSYSTEM FÜR PRESSTEILE UNTER VERWENDUNG EINER DOPPELROBOTERSTRASSE FÜR EINE TANDEMPRESSENSTRASSE

Title (fr)

SYSTÈME DE FABRICATION AUTOMATIQUE D'ARTICLE FORMÉ À LA PRESSE UTILISANT UNE CHAÎNE À DOUBLE ROBOT, DESTINÉ À UNE CHAÎNE DE PRESSE EN TANDEM

Publication

EP 2875878 A4 20150819 (EN)

Application

EP 12881303 A 20121214

Priority

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- KR 2012010915 W 20121214

Abstract (en)

[origin: EP2875878A1] The present invention relates to an automatic press-molded article manufacturing system using a double robot line for a tandem press line and, more specifically, to an automatic press-molded article manufacturing system using a double robot line for a tandem press line, wherein a plurality of destakers and positioners are disposed, each group having two robots is separately disposed and moves alternately, so as to continuously and rapidly transfer and supply the raw material in proportion to a press working time, in a raw material transfer process, a material supply process, an article supply process, and a product withdrawal process.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

- [A] WO 2010144517 A2 20101216 - SHILOH IND INC [US], et al
- [A] DE 102007060738 A1 20090618 - KARMANN GMBH W [DE]
- See references of WO 2014014172A1

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JP2022543096A; WO2021016646A1

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 2875878 A1 20150527; **EP 2875878 A4 20150819**; **EP 2875878 B1 20210630**; CN 104066527 A 20140924; CN 104066527 B 20160106; IN 415KON2015 A 20150717; JP 2015522427 A 20150806; JP 5904385 B2 20160413; KR 101212195 B1 20121213; US 2015174637 A1 20150625; WO 2014014172 A1 20140123

DOCDB simple family (application)

EP 12881303 A 20121214; CN 201280068637 A 20121214; IN 415KON2015 A 20150218; JP 2015522997 A 20121214; KR 20120078667 A 20120719; KR 2012010915 W 20121214; US 201214415132 A 20121214