

Title (en)
SYSTEM HAVING A PROCESS CHAMBER FOR WORKPIECES

Title (de)
ANLAGE MIT EINER PROZESSKAMMER FÜR WERKSTÜCKE

Title (fr)
DISPOSITIF POURVU D'UNE CHAMBRE DE TRAITEMENT POUR PIÈCES D'OEUVRE

Publication
EP 2844937 B1 20180321 (DE)

Application
EP 13720886 A 20130426

Priority
• DE 102012207312 A 20120502
• EP 2013058817 W 20130426

Abstract (en)
[origin: WO2013164285A1] The invention relates to a system (1), comprising a process chamber (5), which comprises an interior (39) having an accommodating region (15) for workpieces (3). The process chamber (5) has an opening (12, 14) for supplying or removing workpieces (3). The process chamber (5) is formed with a device (17, 9, 25, 29, 33, 37, 35) for blowing gaseous fluid into the interior (39), which device has at least one nozzle (17, 19) or orifice for producing a fluid flow curtain (21, 23) between the opening (12, 14) and the accommodating region (15) for workpieces (3). The process chamber (5) has an apparatus (74) for supplying fresh air, by means of which fresh air can be introduced into the accommodating region (15) on a side of the fluid flow curtain (21, 23) facing away from the opening (12, 14).

IPC 8 full level
F26B 15/14 (2006.01); **F26B 21/04** (2006.01); **F26B 23/02** (2006.01); **F26B 25/00** (2006.01)

CPC (source: EP US)
F26B 15/14 (2013.01 - EP US); **F26B 21/004** (2013.01 - US); **F26B 21/04** (2013.01 - EP US); **F26B 21/10** (2013.01 - US); **F26B 25/008** (2013.01 - EP US); **F26B 23/022** (2013.01 - EP US); **F26B 22/10/12** (2013.01 - EP US)

Citation (opposition)
Opponent : EISENMANN SE
• DE 2454091 A1 19750528 - AIR IND COURBEVOIE
• WO 2010122121 A2 20101028 - DUERR SYSTEMS GMBH [DE], et al
• JP 2008134014 A 20080612 - MAZDA MOTOR
• EP 2295909 A1 20110316 - CRONE FOKKO [DE], et al

Cited by
US2016348968A1; US9970706B2; US10605529B2

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)
DE 102012207312 A1 20131107; BR 112014024884 B1 20210406; CN 104583699 A 20150429; CN 104583699 B 20170315; EP 2844937 A1 20150311; EP 2844937 B1 20180321; EP 2844937 B2 20230503; EP 3336467 A1 20180620; EP 3336467 B1 20181024; ES 2705601 T3 20190326; IN 7532DEN2014 A 20150424; PL 3336467 T3 20190430; PT 3336467 T 20190128; TR 201820376 T4 20190221; US 2015121720 A1 20150507; US 9423179 B2 20160823; WO 2013164285 A1 20131107

DOCDB simple family (application)
DE 102012207312 A 20120502; BR 112014024884 A 20130426; CN 201380023073 A 20130426; EP 13720886 A 20130426; EP 18155194 A 20130426; EP 2013058817 W 20130426; ES 18155194 T 20130426; IN 7532DEN2014 A 20140909; PL 18155194 T 20130426; PT 18155194 T 20130426; TR 201820376 T 20130426; US 201314398721 A 20130426