

Title (en)
OBJECT DISASSEMBLY METHOD AND DISASSEMBLY DEVICE

Title (de)
OBJEKTDÉMONTAGEVERFAHREN UND DEMONTAGEVORRICHTUNG

Title (fr)
PROCÉDÉ DE DÉMONTAGE D'OBJET ET DISPOSITIF DE DÉMONTAGE

Publication
EP 3178562 A1 20170614 (EN)

Application
EP 16196409 A 20161028

Priority
JP 2015239598 A 20151208

Abstract (en)
The present disclosure provides an object disassembly method and an object disassembly device that can disassemble an object through a prescribed number of times of discharging in accordance with change in an electric conductivity of liquid in disassembly processing and change in a shape of a processed object. At least one of a distance and a discharge voltage between a positive electrode and a ground electrode can be changed. A peak value of discharge current is maintained constant through continuous discharging by changing at least one of the distance and the discharge voltage between the electrodes during monitoring of the peak value of the discharge current.

IPC 8 full level
B02C 19/18 (2006.01)

CPC (source: CN EP)
B02C 19/18 (2013.01 - CN EP); **B02C 2019/183** (2013.01 - CN EP); **B02C 2201/06** (2013.01 - CN)

Citation (applicant)
JP 2014532548 A 20141208

Citation (search report)

- [A] DE 10302867 B3 20040408 - KARLSRUHE FORSCHZENT [DE]
- [A] JP H10180133 A 19980707 - KOBE STEEL LTD
- [A] WO 2013060403 A1 20130502 - ADENSIS GMBH [DE], et al

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)
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DOCDB simple family (publication)
EP 3178562 A1 20170614; **EP 3178562 B1 20180314**; CN 106853411 A 20170616; CN 106853411 B 20181109; JP 2017104796 A 20170615; JP 6404808 B2 20181017

DOCDB simple family (application)
EP 16196409 A 20161028; CN 201611071447 A 20161128; JP 2015239598 A 20151208