

Title (en)
PLATE-SHAPED ARTICLE DISASSEMBLING DEVICE

Title (de)
VORRICHTUNG ZUM ZERLEGEN EINES PLATTENFÖRMIGEN GEGENSTANDES

Title (fr)
DISPOSITIF DE DÉMONTAGE D'UN ARTICLE EN FORME DE PLAQUE

Publication
EP 3412363 A1 20181212 (EN)

Application
EP 18164882 A 20180329

Priority
JP 2017111877 A 20170606

Abstract (en)
A plate-shaped article disassembling device (1) crushes a plate-shaped article (8) by using a pulsed discharge, in which an insulating plate (7) does not come into contact with a negative electrode (4) and a positive electrode (5) in a discharge gap (9), each of the shortest distance (10) between the negative electrode (4) and the insulating plate (7) and the shortest distance (11) between the positive electrode (5) and the insulating plate (7) is narrower than the maximum width of the plate-shaped article (8), respectively, and the upper surface (13) of the insulating plate is above the lower surface (14) of the discharge gap (9).

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 2005161151 A 20050623 - SUMITOMO ELECTRIC INDUSTRIES, et al

Citation (search report)
• [AD] JP 2005161151 A 20050623 - SUMITOMO ELECTRIC INDUSTRIES, et al
• [AP] JP 2017136516 A 20170810 - MITSUBISHI ELECTRIC CORP

Cited by
US2017348700A1; US10792671B2

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 3412363 A1 20181212; **EP 3412363 B1 20200122**; CN 108993730 A 20181214; CN 108993730 B 20200929; JP 2018202340 A 20181227; JP 6722874 B2 20200715

DOCDB simple family (application)
EP 18164882 A 20180329; CN 201810434710 A 20180508; JP 2017111877 A 20170606