

Title (en)
Excavator

Title (de)
Bagger

Title (fr)
Excavateur

Publication
EP 2019170 A2 20090128 (EN)

Application
EP 08158846 A 20080624

Priority
JP 2007192187 A 20070724

Abstract (en)
In a corner part on the front and lower side of a contact area (B) between a bucket (9) and a cabin (14) formed by an area front surface serving as a front limitation of the contact area and an area lower surface serving as a lower limit of the contact area, an exception area (C) of a right triangle seen from the side taking the area front surface as a vertical side and the area lower surface as the base is set under a fixed condition. When an arm top pin (8) is within the above exception area (C), a contact prevention function is cancelled and actions of boom raising, arm pulling and left offset are permitted in a decelerating state.

IPC 8 full level
E02F 9/20 (2006.01)

CPC (source: EP US)
E02F 9/2033 (2013.01 - EP US)

Citation (applicant)
JP H03156037 A 19910704 - YUTANI JUKO KK

Cited by
EP3438351A4; US10556778B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2019170 A2 20090128; JP 2009030235 A 20090212; US 2009030580 A1 20090129

DOCDB simple family (application)
EP 08158846 A 20080624; JP 2007192187 A 20070724; US 13999608 A 20080616