

Title (en)
SUPPORT SHAFT MEMBER MOUNTING/DISMOUNTING STRUCTURE FOR WORKING MACHINE

Title (de)
STÜTZSCHAFTELEMENTMONTAGE-/DEMONTAGESTRUKTUR FÜR EINE ARBEITSMASCHINE

Title (fr)
STRUCTURE DE MONTAGE/DÉMONTAGE D'ÉLÉMENT D'ARBRE DE SUPPORT POUR MACHINE DE TRAVAIL

Publication
EP 3272949 A4 20181107 (EN)

Application
EP 16764751 A 20160304

Priority
• JP 2015053183 A 20150317
• JP 2016056898 W 20160304

Abstract (en)
[origin: EP3272949A1] A work vehicle such as a backhoe having a cabin disposed on one side of excavator equipment and a tank unit disposed on the other side of the excavator equipment involves a problem that a component part of the cabin needs to be removed at a time of replacement of a cylinder fulcrum pin, etc. because a fuel tank, etc., which should be handled with caution, is stored on the tank unit side. Provided is a backhoe 1 including: excavator equipment 4 provided with a boom cylinder 25 having its proximal end portion 25a coupled to a rotatable cylinder fulcrum pin 46; a cabin 8 disposed on one side of the excavator equipment 4; and a tank unit 9 disposed on the other side of the excavator equipment 4, wherein a work hole 50 is opened that extends from a right side wall 8a of the cabin 8 on the excavator equipment 4 side to a floor member 39, and the cylinder fulcrum pin 46 is installable and removable through the work hole 50 by inserting and extracting the cylinder fulcrum pin 46 from the cabin 8 side into and out of a cylindrical body 94 to which the proximal end portion 25a is fixed.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [X] JP 2013234470 A 20131121 - KUBOTA KK
• [X] WO 2014133002 A1 20140904 - HITACHI CONSTRUCTION MACHINERY [JP]
• [X] JP 2000291056 A 20001017 - KOMATSU MFG CO LTD
• [E] JP 2016069864 A 20160509 - KOBELCO CONSTRUCTION MACHINERY LTD
• See references of WO 2016147921A1

Designated contracting state (EPC)
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