

Title (en)

TANK ATTACHMENT AND DETACHMENT MECHANISM OF WORK MACHINE

Title (de)

TANKBEFESTIGUNGS- UND -ENTFERNUNGSMECHANISMUS EINER ARBEITSMASCHINE

Title (fr)

MÉCANISME DE FIXATION ET DE DÉTACHEMENT DE RÉSERVOIR D'UNE MACHINE DE TRAVAIL

Publication

EP 3892385 A1 20211013 (EN)

Application

EP 21167147 A 20210407

Priority

JP 2020070807 A 20200410

Abstract (en)

A tank attachment and detachment mechanism 50 that locks or unlocks a tank 2, which is mounted in a work machine body 1, to or from the work machine body 1 includes a lever 6; an arm 7; a tank engagement protruding portion 25; a lever engagement protruding portion 19; a tank protrusion 26; and a lever protrusion 20. The lever protrusion 20 protrudes from an upper portion of the lever 6 to mesh with the tank protrusion 26 from an inside to push the tank 2 upward when an operation portion 40 of the lever 6 which is unlocked is pulled outward and upward.

IPC 8 full level

B05B 9/043 (2006.01); **B05B 9/04** (2006.01); **B05B 9/08** (2006.01); **B08B 3/02** (2006.01); **B08B 13/00** (2006.01)

CPC (source: EP)

B05B 9/0403 (2013.01); **B05B 9/043** (2013.01); **B05B 9/085** (2013.01); **B08B 3/026** (2013.01); **B08B 2203/0211** (2013.01)

Citation (applicant)

JP H0127980 B2 19890531

Citation (search report)

- [X] CN 107913868 A 20180417 - CHANGZHOU GLOBE CO LTD
- [X] WO 2012030517 A1 20120308 - WISE TODD M [US]
- [A] US 2012312340 A1 20121213 - HOU JAMES S T [CN]

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)

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