

Title (en)
WORK MACHINE

Title (de)
ARBEITSMASCHINE

Title (fr)
MACHINE DE TRAVAIL

Publication
EP 4375428 A1 20240529 (EN)

Application
EP 22315299 A 20221125

Priority
EP 22315299 A 20221125

Abstract (en)
[Problem] Provide a work machine that can cool a refrigerant and an oil by placing an oil tank and a heat exchange unit in the minimum necessary space inside a machine body.[Solution] A hydraulic excavator as a work machine includes a hydraulic pump driven by an engine, an oil tank that stores an oil pumped by the hydraulic pump, a heat exchange unit that cools a refrigerant, which passes through the engine, and the oil, and a fan that sends air to the heat exchange unit. The oil tank has a hollow portion with open portions at both ends. One of the open portions of the hollow portion is exposed from a side wall of the machine body on which the oil tank is mounted. The fan is placed between the one of the open portions of the hollow portion and the heat exchange unit.

IPC 8 full level
E02F 3/96 (2006.01); **E02F 9/08** (2006.01); **E02F 9/20** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)
E02F 3/964 (2013.01); **E02F 9/0866** (2013.01); **E02F 9/0883** (2013.01); **E02F 9/0891** (2013.01); **E02F 9/2095** (2013.01); **E02F 9/226** (2013.01)

Citation (applicant)
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Citation (search report)

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Designated contracting state (EPC)
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Designated extension state (EPC)
BA

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