

Title (en)  
WORK VEHICLE

Title (de)  
NUTZFAHRZEUG

Title (fr)  
VÉHICULE DE TRAVAIL

Publication  
**EP 3591211 A3 20200318 (EN)**

Application  
**EP 19175231 A 20190517**

Priority  
• JP 2018114664 A 20180615  
• JP 2018144358 A 20180731

Abstract (en)  
A work vehicle includes: a prime mover section (2) that is provided in a front portion of a travel vehicle body (100); a hood (20) that covers the prime mover section (2); a driver section (4) that is provided rearward of the prime mover section (2) and has a driver seat (42); an engine (21) that is provided inside the hood (20); an air cleaner (24) that is provided inside the hood (20), above the engine (21), and processes external air that is to be supplied to the engine (21); an intake tube (61) that is coupled to the air cleaner (24) and takes air into the air cleaner (24); and a coupling tube (63) that is coupled between the engine (21) and the air cleaner (24), and supplies processed air that is external air processed while passing through the air cleaner (24), to the engine (21). The coupling tube (63) is coupled to the engine (21) while extending in a right-left direction of the travel vehicle body (100) and being coupled to the air cleaner (24).

IPC 8 full level  
**F02M 35/02** (2006.01); **F02M 35/10** (2006.01); **F02M 35/16** (2006.01)

CPC (source: EP)  
**F02M 35/10006** (2013.01); **F02M 35/10019** (2013.01); **F02M 35/10091** (2013.01); **F02M 35/161** (2013.01); **F02M 35/164** (2013.01); **F02M 35/10013** (2013.01); **F02M 35/1233** (2013.01)

Citation (search report)  
• [XY] WO 03054373 A1 20030703 - AMERICAN DIESEL & GAS INC [US]  
• [X] JP 2011021571 A 20110203 - SUZUKI MOTOR CORP  
• [XAI] DE 112015000037 T5 20151217 - SUZUKI MOTOR CORP [JP]  
• [Y] US 2018056772 A1 20180301 - TERAOKA TASUKU [JP], et al  
• [A] US 2016194989 A1 20160707 - MINOURA AKIRA [JP], et al  
• [A] JP 6226816 B2 20171108  
• [A] EP 2924179 A1 20150930 - KOMATSU MFG CO LTD [JP]  
• [XI] DE 10064546 C1 20020704 - HUF HUELSBECK & FUERST GMBH [DE]  
• [XI] US 2008287093 A1 20081120 - HARRINGTON STEVEN L [US]

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 3591211 A2 20200108; EP 3591211 A3 20200318; EP 3591211 B1 20240131**

DOCDB simple family (application)  
**EP 19175231 A 20190517**