

Title (en)  
Saddle-ride type vehicle

Title (de)  
Sattelfahrzeug

Title (fr)  
Véhicule à monture de selle

Publication  
**EP 2631447 A1 20130828 (EN)**

Application  
**EP 13155880 A 20130220**

Priority  
JP 2012039789 A 20120227

Abstract (en)  
An object is to provide a saddle-ride type vehicle that can ensure a bank angle while enlarging a radiator. A vehicle 10 includes an upper radiator 40 disposed above a front wheel and in front of an engine 19 and a lower radiator 50 disposed behind the upper radiator 40 and between the front wheel and the engine 19. An upper return pipe 98 adapted to return cooling water to the engine 19 extends toward the rear of the vehicle from an upper downstream tank 43 and a lower return pipe 103 extends toward the rear of the vehicle from an upper portion 101 of a lower downstream tank 53.

IPC 8 full level  
**F01P 3/18** (2006.01)

CPC (source: EP)  
**F01P 3/18** (2013.01); **F01P 2003/185** (2013.01); **F01P 2050/16** (2013.01); **F01P 2060/04** (2013.01)

Citation (applicant)  
JP 2005271636 A 20051006 - KAWASAKI HEAVY IND LTD

Citation (search report)  
• [A] JP S5853624 A 19830330 - HONDA MOTOR CO LTD  
• [A] DE 10055452 A1 20010517 - HONDA MOTOR CO LTD [JP]  
• [A] FR 2642014 A1 19900727 - SUZUKI MOTOR CO [JP]  
• [A] US 4673032 A 19870616 - HARA KUNITAKA [JP], et al

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CN105370374A; US2021300148A1; WO2019029959A1; US10982584B2

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 2631447 A1 20130828; EP 2631447 B1 20141022**; AU 2012244258 A1 20130912; AU 2012244258 B2 20150312;  
JP 2013173473 A 20130905; RU 2013108232 A 20140827; RU 2532006 C2 20141027

DOCDB simple family (application)  
**EP 13155880 A 20130220**; AU 2012244258 A 20121029; JP 2012039789 A 20120227; RU 2013108232 A 20130225