

Title (en)  
VEHICLE TYPE DRAWING APPARATUS

Title (de)  
FAHRZEUGARTIGE MARKIERUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE TRAÇAGE DU TYPE SUR VÉHICULE

Publication  
**EP 2216445 A4 20110511 (EN)**

Application  
**EP 08845504 A 20081022**

Priority  
• JP 2008069127 W 20081022  
• JP 2007283204 A 20071031

Abstract (en)  
[origin: EP2216445A1] There is provided a vehicle-type drawing apparatus that enables the operation of drawing a rough design called inking on the road surface to be facilitated remarkably. By use of left and right drive wheels 3L, 3R that are provided on a same wheel shaft, that are rotatable in same directions or in reverse directions, and that are driven respectively; a driven wheel 10 having a spherical shape and arranged at a position apart from an intermediate portion between the left and right drive wheels 3L, 3R by a given distance; a marking device 11 that is arranged at an intermediate portion of the left and right drive wheels 3L, 3R. While a controller 32 is controlling drive states of the left and right drive wheels 3L, 3R, the marking device 11 marks the line or the design pattern on the road surfaces, thereby enabling drawing of any line or design pattern from an arc with a small diameter to a straight line.

IPC 8 full level  
**E01C 23/20** (2006.01); **E04G 21/18** (2006.01)

CPC (source: EP)  
**E01C 23/20** (2013.01)

Citation (search report)  
• [XYI] WO 2004100044 A1 20041118 - EVENZO AB [SE], et al  
• [Y] KR 20030070632 A 20030902 - IM NO HYEON [KR]  
• [X] WO 2007119219 A2 20071025 - ANNESE BARBARA [IT], et al  
• [A] WO 02076562 A1 20021003 - EDGEROI PTY LTD [AU], et al  
• [A] US 2006078384 A1 20060413 - JACOB WILLIAM G [US], et al  
• [A] US 5429420 A 19950704 - JOHNSON JAMES P [US]  
• See references of WO 2009057494A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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**EP 08845504 A 20081022**; CN 200880112474 A 20081022; JP 2008069127 W 20081022; JP 2009539027 A 20081022; KR 20107009712 A 20081022