

Title (en)
ROAD-MARKING VEHICLE

Publication
EP 0225653 A3 19880323 (DE)

Application
EP 86201866 A 19861024

Priority
CH 531185 A 19851213

Abstract (en)
[origin: EP0225653A2] The marking vehicle is equipped with a paint-spraying gun (10) and a bead-spreading device (4). The connecting lines (9, 3) between the paint-spraying gun and the paint tank (7) and between the bead-spreading device and bead container (1) have an ultrasound-conducting pipe section (5, 11), to the respective outer wall of which an ultrasonic measuring head (6, 12) is fastened for throughflow measurement on the Doppler principle. The output signals from these measuring heads are converted in a computing circuit (13, 14, 15), by the use of a signal (18a) representing the vehicle speed, into output signals (24, 23) which directly indicate the layer thickness of the laid paint and the quantity of beads scattered per unit of distance. Furthermore, they are displayed on indicators (21, 20) and recorded continuously or intermittently in a recorder (22). Thus, written recordings of the quantities of paint and beads laid are available both to those responsible for the marking and to the controlling authority, and this makes it possible to do away with the complicated special monitoring tests and checks necessary hitherto. <IMAGE>

IPC 1-7
E01C 23/16

IPC 8 full level
E01C 23/16 (2006.01); **E01C 23/22** (2006.01)

CPC (source: EP)
E01C 23/166 (2013.01); **E01C 23/22** (2013.01)

Citation (search report)
• [AD] US 2833542 A 19580506 - MARTIN EARNEST E
• [AD] DE 1909312 A1 19700716 - BOLLAG MOSES
• [AD] DE 1446837 A1 19690206 - BOLLAG MOSES
• [AD] FR 2562243 A1 19851004 - CYBERMAT SARL [FR]
• [A] MESSEN + PRÜFEN, Band 19, Nr. 5, Mai 1983, Seiten 258-263, Bad Wörishofen, DE; H. BERNARD: "Ultraschall-Durchflussmessung"

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BE1020347A5; CN107620252A; US6680994B2; FR2829044A1; DE102012000234B4; EP0747533A1; FR2735229A1; US11192130B2; WO9634151A1; WO2021113718A1; WO2013132466A1; DE202011102854U1; DE102012000234A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0225653 A2 19870616; EP 0225653 A3 19880323; CH 667890 A5 19881115

DOCDB simple family (application)
EP 86201866 A 19861024; CH 531185 A 19851213