

Title (en)
Lorry-mounted concrete pump with increased extension of the articulated delivering boom and outline within the limits set by the European code on free circulation on the road

Title (de)
Autobetonpumpe mit erhöhter Reichweite des Gelenkauslegers und mit Lichtraumprofil, das den festgesetzten Grenzen des Europäischen Kodex für freie Fahrt auf der Straße entspricht

Title (fr)
Pompe pour béton montée sur camion dotée d'une plus grande extension du bras articulé et au gabarit respectant les limites de libre circulation déterminées par le code de la route du code européen

Publication
EP 1847667 A3 20090722 (EN)

Application
EP 07106476 A 20070419

Priority
IT MI20060141 U 20060420

Abstract (en)
[origin: EP1847667A2] Lorry-mounted concrete pump comprising a vehicle (V) whereon a rotary turret (S) carrying a collapsible, articulated boom (B) is mounted, whereon a pipe (P) is mounted for carrying fluid concrete from a loading hopper (T) to a delivery hose. In a collapsed boom condition the lorry-mounted pump falls within the outline limit of 12 m length, 2.5 m width and 4 m height, and is hence suited to free circulation on the road. The arrangement of the individual members of the articulated boom is optimised so as to have a maximum extension of the boom between 48 and 52 metres.

IPC 8 full level
E04G 21/04 (2006.01)

CPC (source: EP)
E04G 21/04 (2013.01); **E04G 21/0436** (2013.01)

Citation (search report)
• [X] IT MI20050434 A1 20060918 - BAIARDO STEFANO & WO 2006097827 A2 20060921 - BAIARDO STEFANO [IT]
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CN102561703A; CN102535856A; EP2746491A4; US2021293038A1; US11970869B2; WO2012171229A1; WO2013123793A1; WO2022105234A1

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK RS

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EP 07106476 A 20070419; IT MI20060141 U 20060420