

Title (en)
MAINTENANCE APPARATUS FOR BITUMINOUS ROADS

Publication
EP 0106239 A3 19850703 (DE)

Application
EP 83109766 A 19830929

Priority
DE 8228806 U 19821013

Abstract (en)
[origin: EP0106239A2] 1. Device for the maintenance of asphalted roads or pathways, in particular for applying a bituminous binder by a pressurized container (16) and a grit container (50) having a bottom plate (54) which is inclined in the direction of the outlet openings (66), both containers being mounted on a frame (12) with at least one drive axle (14), whereby nozzles (34) for spraying out the bitumen are arranged behind the rear drive axle (14) and below the grit container (50) in the driving direction before a grit extractor funnel (60) which has at least one outlet opening (66) to be adjusted by means of hand lever (64), whereby the nozzles (34) are provided individually or in groups along the width of the device (10) and they correspond with the outlet openings (66) which are likewise arranged along the entire width of the device in the same manner and which may each be operated separately, and whereby a platform (70) is provided behind the grit extractor funnel (60) characterized in that the bottom plate (54) of the grit container (60) consists of two plate parts, the first plate part being inclined at a flat angle from the horizontal, whereas the second plate part, which is installed in the direction of the at least one outlet opening (66) of the container, is inclined at a very steep angle and it forms an elongated grit extractor funnel (60) together with several pivotably mounted doors (62) which are installed in the rear wall (58) of the grit container (50) and which are opposite this second plate part and may be adjusted via a hand lever (64), whereby the elongated funnel is formed in such a manner that at least one outlet opening (66) for measuring out the proper amount of grit (27) is formed by the edge areas of the second plate part of the bottom plate (54), which are inclined towards the ground, and at least one movable door (62).

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E01C 19/21; **E01C 23/06**

IPC 8 full level
E01C 19/21 (2006.01); **E01C 23/06** (2006.01)

CPC (source: EP)
E01C 19/21 (2013.01)

Citation (search report)
• [Y] DE 864884 C 19530129 - LINNHOFF EDUARD MASCHF
• [Y] DE 842500 C 19520626 - W & J SCHEID
• [X] US 1613051 A 19270104 - NAPIER FRANK L
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• [Y] GB 1400617 A 19750716 - TRAUTMANN E

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FR2617879A1; AU637763B1; FR2781825A1; CN106996067A; CN113898187A; DE19633610A1; GB2232390A; GB2232390B; WO9110013A1

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