

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE SPEED OF A DIESEL MOTOR OF A ROAD FINISHING MACHINE

Publication

EP 0391029 A3 19910605 (DE)

Application

EP 90101422 A 19900124

Priority

DE 3911401 A 19890407

Abstract (en)

[origin: EP0391029A2] In the case of a method for controlling the speed of a diesel motor of a road-finishing machine to which, in addition to a travelling mechanism, working units can also be connected and on which an adjusting device adjusts the injection pump between idling and rated speed and a drive main switch connected to the travelling mechanism is provided for the application-working-travelling operation, the speed is automatically adjusted during interruptions in the application- working-travelling operation to the instantaneous power requirement of the working units operating at that moment, for example conveyors, heating, compressor. A device suitable for implementing the method has an auxiliary adjustment device (10, 10') which is connected to the adjustment device (4, 6, 3), is circuit-connected at least to a switch (26) or a switch unit (20) for switching the working unit (33, 19) on and off and can adjust the injection pump (2) automatically from the idling speed setting to the rated speed setting. In the event of interruptions in the application-working-travelling operation, environmental pollution and energy consumption are reduced.
<IMAGE>

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CPC (source: EP)

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Citation (search report)

- [A] DE 2502221 B2 19800529
- [A] EP 0073288 A1 19830309 - WEYHAUSEN KG MASCHF H [DE]
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DE 3911401 C1 19900301; CN 1046207 A 19901017; EP 0391029 A2 19901010; EP 0391029 A3 19910605; JP H0367033 A 19910322; NO 901591 D0 19900406; NO 901591 L 19901008

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