

Title (en)

METHOD AND DEVICE FOR APPLYING AND DRYING LIQUID LUBRICANTS

Publication

EP 0013013 B1 19821103 (DE)

Application

EP 79105307 A 19791221

Priority

- DD 21002478 A 19781221
- DD 21002678 A 19781221
- DD 21002778 A 19781221
- DD 21002978 A 19781221

Abstract (en)

[origin: EP0013013A1] 1. Method for coating and drying of liquid lubricants (1) onto the surface of metallic materials (8) being subjected to cold working, especially of lubricants (1) consisting of an organic solvent and solid or semi-solid lubricating substance, where the material to be worked (8) is carried via openings through a closed coating vessel (2, 19), which is a part of a closed lubricant circuit, and subsequently through a drying channel (28), is characterized in that the material to be worked (8), which is heated by preceding working processes or by means of an external source for the transfer of heat or energy, is directly lead through the coating vessel without internal transport rollers, where excess lubricant (1) overflowing from the openings (5, 6, 21, 22) is collected without any contact with ambient air and air with a turbulence and/or pressure gradient intentionally generated inside the channel is sucked or blown through the drying channel (28), and from which, in the case of its enrichment by organic solvent vapours, the solvent is recovered.

IPC 1-7

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IPC 8 full level

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