

Vacuum Vaporization Device

Abstract

The invention concerns a device and a process for applying a lubricant by means of vapour deposition to a target object, especially a magnetic data carrier. The device in accordance with the invention comprises a lubricant supply means (1) that can be filled from outside, possibly by means of a feed line. The produced lubricant vapour (5) is expanded through one or more exit openings (6) in the direction of a target object (8) on which the vapour deposition is to be effected. The vapour at first becomes adsorbed on the walls of a cone-shaped distribution element (4) situated between the lubricant supply means (1) and the target object (8), from which it subsequently desorbs again. Said adsorption/desorption process assures an even and homogeneous vapour distribution over the target object (8). A device for interrupting the vapour supply makes it possible for the device to be operated in a discontinuous manner.

(Fig. 3)



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