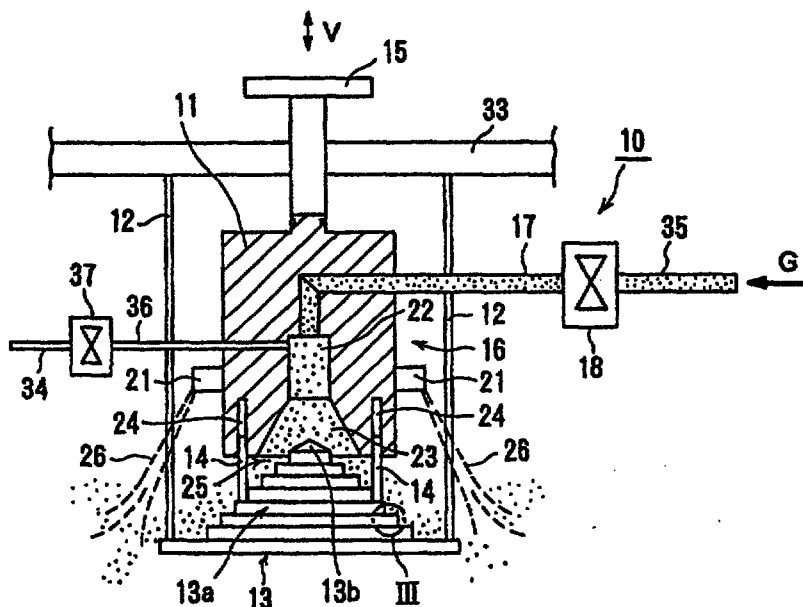




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(54) Title: APPARATUS FOR AEROSOL CREATION



(57) Abstract

An apparatus for aerosol creation in particular in a cooling, lubricating apparatus for tools or work piece comprises an injector apparatus to which a carrier gas and a fluid may be supplied. At an outlet (23) of the injector apparatus, a gas jet (25) with fluid droplets therein exits that is directed onto a deflection body (13) with a structured surface and that streams along same. The deflection body can, for example, be formed by a cone or a truncated cone with a step-shaped shell (coating surface). In order to be able to vary the particle size, the distance between the deflection body and the outlet of the injector apparatus can be variable.