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(54) **DEVICE FOR LUBRICATING AND COOLING MOLDS, IN PARTICULAR FORGING DIES AND TOOLS IN METAL FORMING**

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(57) **ABSTRACT**

A device which is designed as a spray head and is intended for lubricating and cooling molds, in particular forging dies and tools in metal forming, is described, in which device the feed passages for coolant, compressed air and lubricant are accommodated in a common compact housing but are designed to run separately from one another, and in which spray nozzles are in each case assigned to these separate flow passages, these spray nozzles being specifically designed for spraying the lubricant and the coolant, respectively. By means of this measure, the spraying operation can be designed in an optimum manner and it becomes possible to keep the lubricant and coolant consumption low.

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