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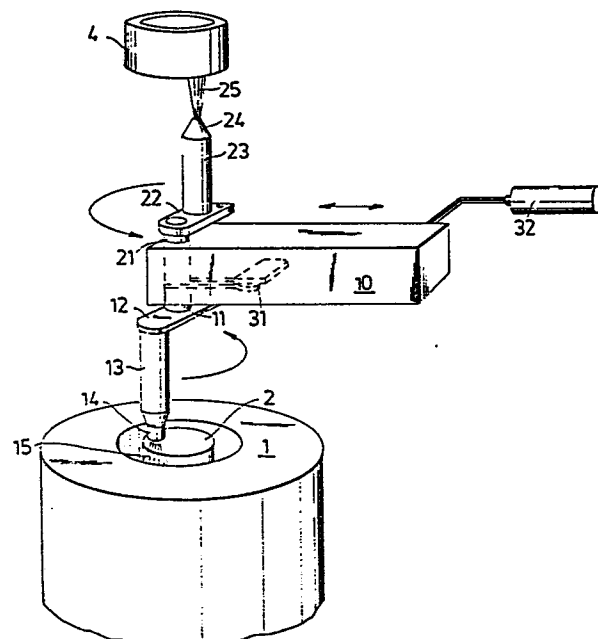
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54 **Method and apparatus for lubricating a forming cavity in a forging tool.**

57 For the purpose of lubricating a cavity, particularly an annular cavity in a tool for forging blanks produced by powder metallurgy, a lubricant spray is directed towards a limited portion of the cavity surface and the nozzle is displaced such that impingement area of the spray against the cavity sweeps over the entire surface of the cavity. The impingement surface of the lubricant spray is adapted to cover the radial extension of the annular cavity, the nozzle being displaced along the periphery of the cavity. An apparatus for carrying out the method includes a carrier (10) with a mounting (11) for a swinging arm (12) carrying a spray nozzle (14). The carrier (10) is adapted for being positioned for mounting of the arm coaxial with the axis of the cavity, the arm (12, 13) being arranged for positioning the nozzle (14) over a peripheral portion of the cavity. Means (31) are arranged for causing the nozzle (14) to circulate along the periphery of the cavity.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	DE-A-3 039 914 (LANGENSTEIN) * Page 7, lines 20-23 *		B 21 J 3/00
A	US-A-2 929 564 (STONE)		
A	DE-U-1 885 115 (WEGERHOFF)		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			B 21 J 3/00 B 05 D 5/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 20-09-1984	Examiner SCHLAITZ J
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	