

Title (en)  
FLUID ACTUATED TOOL

Title (de)  
DRUCKFLÜSSIGKEITSBETRIEBENES WERKZEUG

Title (fr)  
OUTIL HYDRAULIQUE

Publication  
**EP 1058600 A1 20001213 (EN)**

Application  
**EP 99902647 A 19990129**

Priority  
• GB 9900133 W 19990129  
• GB 9802034 A 19980131

Abstract (en)  
[origin: WO9938655A1] A fluid actuated tool in the form of a hydraulic hammer (20) comprises a body (22), a cylinder (26) and a chuck body (28). A piston (34) mounted within the cylinder (26) reciprocates and impacts on a chisel (36). Movement of the piston (34) results from the supply of hydraulic fluid, controlled by an apertured distributor valve sleeve (38) with a number of cylinder ports (40) communicating with a series of axial fluid carrying bores (42). Movement of the piston (34) and the sleeve (38) bring ports (40) and bores (42) into and out of alignment, so regulating movement of the piston (34).

IPC 1-7  
**B25D 9/20**

IPC 8 full level  
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**B25D 9/20** (2013.01); **B25D 2209/002** (2013.01); **B25D 2209/005** (2013.01)

Citation (search report)  
See references of WO 9938655A1

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