

Title (en)  
CARTRIDGE FOR A ROTARY DRILL BIT

Title (de)  
KARTUSCHE FÜR EINEN DREHBOHRMEISSEL

Title (fr)  
CARTOUCHE POUR TRÉPAN ROTATIF

Publication  
**EP 4301955 A1 20240110 (EN)**

Application  
**EP 22709779 A 20220302**

Priority  
• GB 202102954 A 20210303  
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Abstract (en)  
[origin: WO2022185056A1] A cartridge (100) for a drill bit of a rotary directional drilling system, the cartridge comprising: a cartridge housing (102a, 102b) having an inlet end (105) for receiving drilling fluid from a drill string and an outlet end (107) at which drilling fluid can exit the cartridge housing; a flow diverter (106) configured to selectively control the flow direction of drilling fluid as the drilling fluid exits the cartridge housing; and a bearing assembly for supporting the flow diverter; wherein the bearing assembly comprises at least one bearing (112) located at the outlet end of the cartridge housing.

IPC 8 full level  
**E21B 7/06** (2006.01)

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