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- [54] **SAND WIPER RING FOR DOWNHOLE TOOL**
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 277/212
 [51] Int. Cl..... F21b 1/10
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ABSTRACT: A drilling jar having a tubular mandrel reciprocally disposed in a tubular housing and extending upwardly from the upper end of the housing. The upper end of the housing includes O-ring fluid seals located between the housing and the mandrel. The upper end of the housing forms an upwardly facing lower impact surface which abuts a downwardly facing upper impact surface around the mandrel. A wiping ring is anchored within the housing and extends upwardly within and beyond the lower impact surface into peripheral wiping contact with the mandrel at a point above the impact surface. A downwardly facing groove is formed within the upper impact surface to receive the upper end of the wiper ring when the two impact surfaces are in contact. The upper end of the housing slopes downwardly and outwardly from just below the upper end of the wiping ring to the interior edge of the lower impact surface.

