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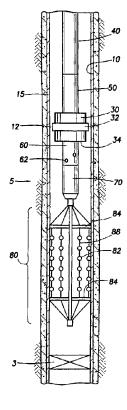
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- (54) Abstract Title: Combined perforation and cement retainer tool for plugging a wellbore
- (57) A method and apparatus for plugging a wellbore (10) in a trip saving manner includes a cement retainer (30) disposed on a run-in string (40) and a radially expanded perforating assembly disposed below the cement retainer. In a single run, the apparatus provides for perforating a wellbore and squeezing cement (8) through the perforations and into the formation (7) therearound. After the cement retainer is set, a firing head is actuated to cause the perforating gun to discharge. After perforations are formed, cement is introduced from the cement retainer into the isolated area and squeezed through the perforations. Thereafter, the run-in string disengages from the cement retainer leaving behind the plug formed. In yet another aspect, a firing head (70) capable of being actuated by different means is used to discharge the perforating assembly.



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(72) cont

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