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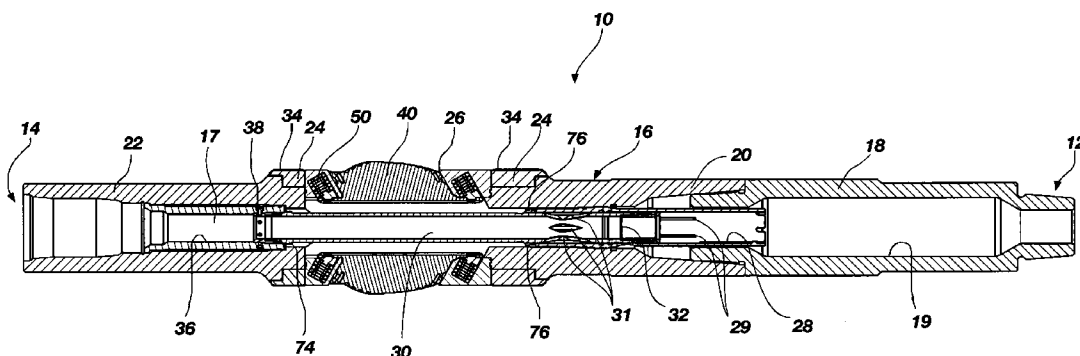
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(54) Title: EXPANDABLE REAMERS FOR EARTH-BORING APPLICATIONS AND METHODS OF USING THE SAME



(57) Abstract: Expandable reamer tools include an outer body (16), a fluid passageway (17) extending through the outer body, and at least one blade (40) configured to slide relative to the outer body between a retracted position and an expanded position in a direction oriented at an acute angle of less than ninety degrees (90-) to a longitudinal axis of the outer body. In some embodiments, the tools may include a moveable inner sleeve member (30) configured to selectively allow hydraulic fluid pressure within the fluid passageway to act directly on the at least one blade (40). Methods for enlarging a borehole using such expandable reamer tools and methods for removing such expandable reamer tools from a borehole are also disclosed.