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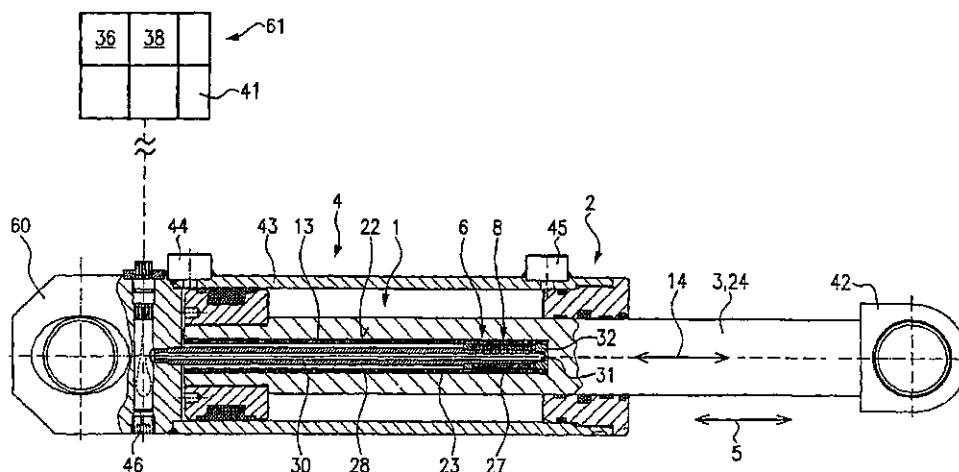
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(54) Title: **ABSOLUTE POSITION ENCODER**



(57) Abstract: A transducer, a method and a coding pattern for determining a kinematic measurable variable are disclosed. A transducer comprises a first device part which is moveable in or through a corresponding device for oil or natural gas production and a second device part which is stationary relative to said first device part. To detect both the directions of movement and the respective position in a simple constructional and inexpensive way without the need for return movement up to ends of the range of movement, the first and/or second device part comprises a coding pattern which is changing along a direction of movement and of which position-specific patterns can be scanned by a scanning means which is arranged on the respective other device part. By scanning such a specific coding pattern during mutual relative movement of said objects or device parts a corresponding scanning signal can then be converted by an evaluation unit into a kinematic measurable variable. The corresponding coding pattern comprises a plurality of single patterns wherein neighboring single patterns differ from one another by at least one characteristic feature and/or said single pattern has at least one characteristic feature that is changing in the direction of movement.



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