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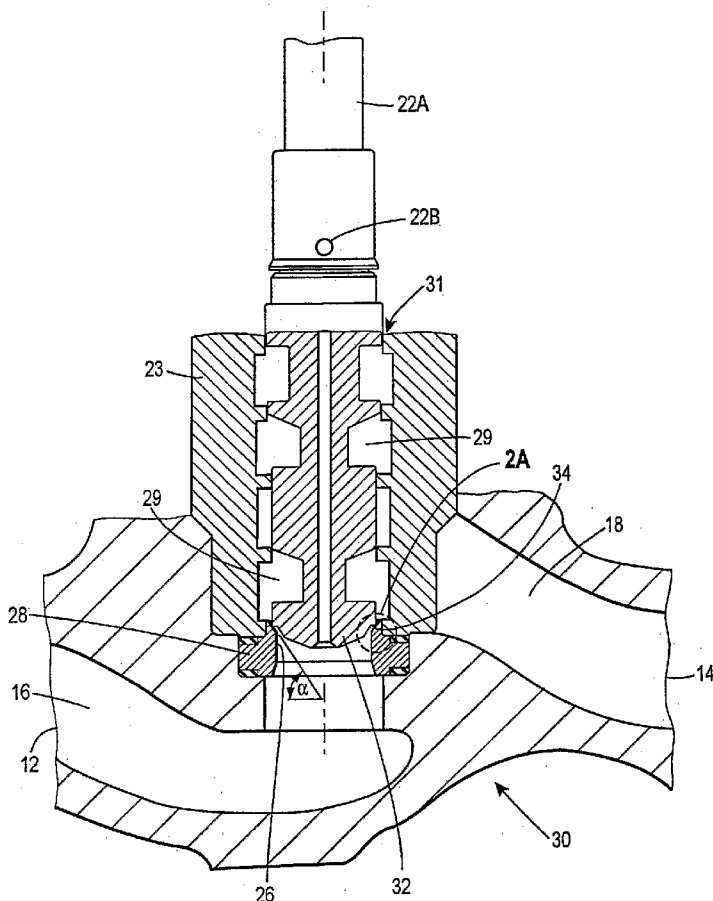
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(54) Title: CONTROL VALVE TRIM



(57) Abstract: A fluid control valve trim (31) and seat (28) with a valve plug (32) of a radius of about 0.03 inch, when used in conjunction with a valve seat angle of about 75°, results in minimal unbalance area. The valve trim is provided with pairs of anti-cavitation notches (42-52). The notches are arranged such that notches of each given pair are angled with respect to one another, and may be further arranged such that adjacent pairs of notches are off-set relative to one another, so as to increase the time fluid spends in the plenum, resulting in proper staging and controlled pressure drop as fluid passes through the valve.



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