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(54) **Title:** SELECTIVELY VARIABLE FLOW RESTRICTOR FOR USE IN A SUBTERRANEAN WELL

(57) **Abstract:** A variable flow resistance system for use with a subterranean well can include a flow chamber through which a fluid composition flows, the chamber having at least two inlets, and a flow resistance which varies depending on proportions of the fluid composition which flow into the chamber via the respective inlet flow paths, and an actuator which varies the proportions. The actuator may deflect the fluid composition toward one of the inlet flow paths. A method of variably controlling flow resistance in a well can include changing an orientation of a deflector relative to a passage through which a fluid composition flows, thereby influencing the fluid composition to flow toward one of multiple inlet flow paths of a flow chamber, the chamber having a flow resistance which varies depending on proportions of the fluid composition which flow into the chamber via the respective inlet flow paths.



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