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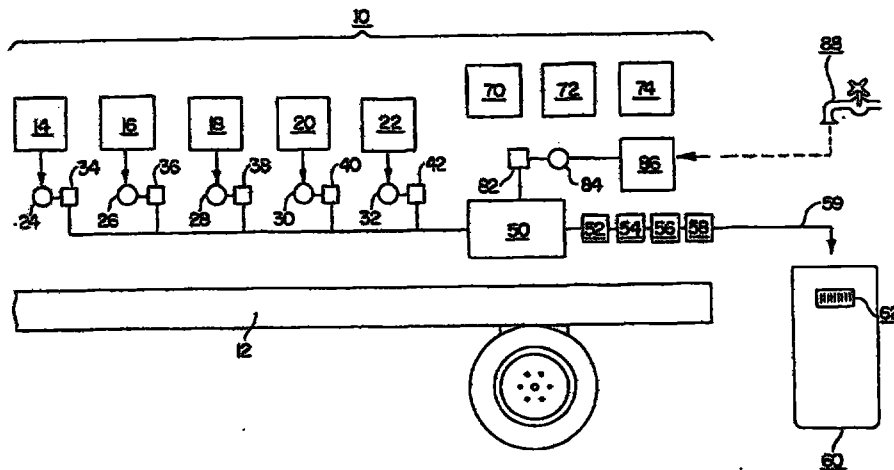
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(54) Title: MOBILE CEMENT ADDITIVE AND CONCRETE ADMIXTURE MANUFACTURING PROCESS AND SYSTEM ✓



## (57) Abstract

A mobile system and process for manufacturing cement additives and/or concrete admixture products comprise tanks (14, 16, 18, 20, 22) each containing a different raw material. Pumps (24, 26, 28, 30, 32) operate to transfer the raw materials into a blender (50) to produce a cement additive or concrete admixture for dispensing at the destination site. The frame (12) can be placed upon or attached to wheels, as in a truck or trailer frame, and the tanks may also be placed on or secured to the truck or trailer frame. A preferred skid-mounted system (10) comprises pumps (24), valves (34), meters (104), and a computer processor unit (70) which can control the equipment and permit adjustments to be made at the destination site. Tanks of raw materials may be transported to a destination site together with or separately from the frame-mounted equipment, and finished products can be blended and adjusted on site by computer-controlled operation in response to input parameters such as the quality of limestone, cement, aggregates, water, and also in response to desired product blends performance features, etc.