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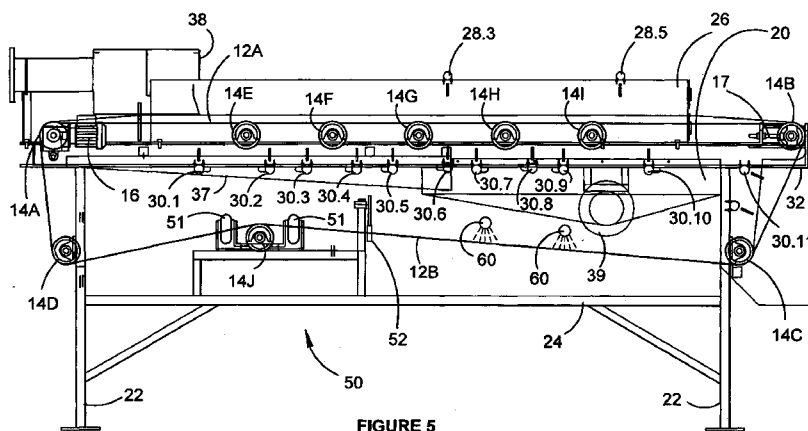


FIGURE 5

(57) Abstract: A separation conveyor (10) for separating a mass or slurry of different sized particles is provided. The separation conveyor includes a filter belt (12) including a feed side for receiving the mass or slurry and a filtrate side. The separation conveyor further includes a conveyor assembly (16) for conveying the filter belt, an overhead spray array (28) for spraying fluid downwards onto the slurry as it travels on the filter belt, and a lower spray array (30) for spraying fluid upwards against an underside of the belt. The upper and lower spray arrays are arranged in combination to assist in promoting separation of oversized particles on the feed side of the belt and undersized particles on the filtrate side of the belt.