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(54) Title: CONVEYOR SYSTEM, BELT, AND METHOD FOR MEASURING AND CONTROLLING STATIC ELECTRICITY

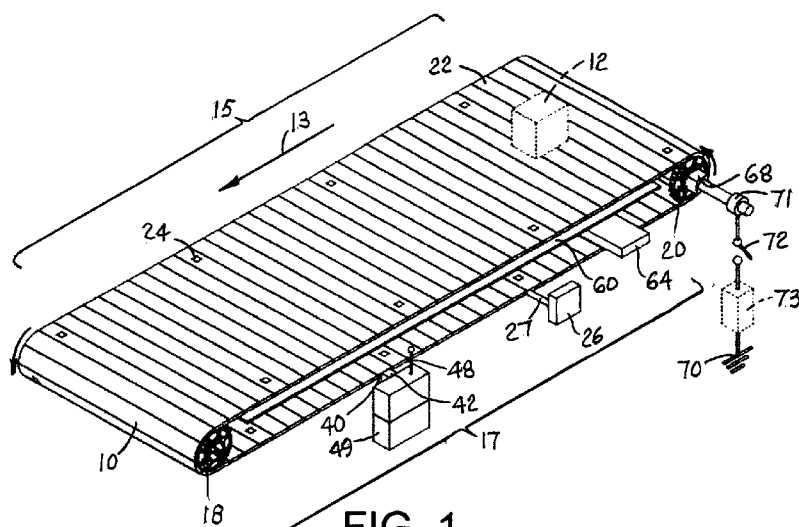


FIG. 1

(57) Abstract: Conveying systems and method for detecting the presence of static electric charge on a conveyor. The conveyor system includes a conveyor with an outer conveying surface. Embedded or external static-electricity sensors make measurements of static electricity on the belt's conveying surface. A controller uses the measurements to control the level of electric charges on the belt by transferring charge to or from the belt.