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(54) Title: EDGE AIR NOZZLES FOR BELT-TYPE SEPARATOR DEVICES

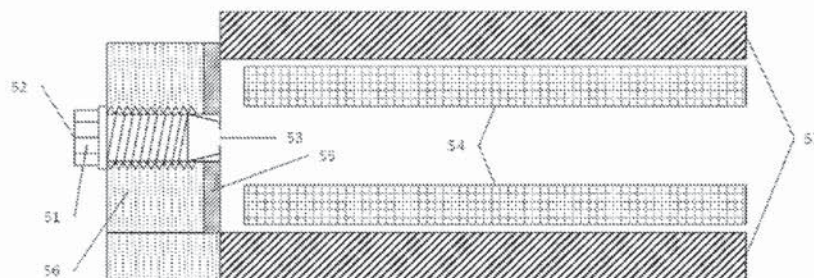


FIG. 3

(57) Abstract: An improved belt separator system and an improved method to separate particle mixtures based on triboelectric separation of particles is disclosed. One or more gas nozzles, for example, a plurality of gas nozzles are provided as part of the system or installed into a system, such as an existing system, to improve dispersal of particles during operation.