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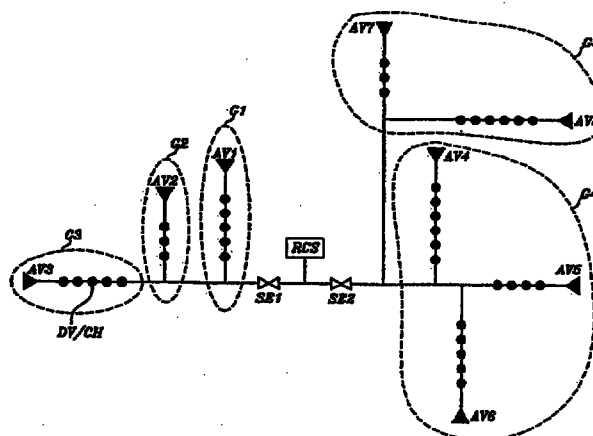
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(54) Title: A SYSTEM AND METHOD FOR REFUSE COLLECTION



(57) Abstract: This invention is mainly concerned with a vacuum refuse collection system in which refuse chutes (CH) are connected to a transport pipe system through respective discharge valves (DV), and in which communication between a refuse chute and the transport pipe system is established by opening the discharge valve of the refuse chute. The idea according to the invention is to partition discharge valves, and hence corresponding refuse chutes, into groups (G1-G5) and perform controlled emptying of refuse by opening discharge valves on a group basis. More particularly, the control system selects one group at a time for opening of discharge valves within the selected group. In this way, the utilization of the available resources in a vacuum refuse collection system is substantially improved, thus resulting in an efficient and reliable system. The above solution has turned out to be particularly efficient for larger systems, especially in combination with level-controlled emptying.

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