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(54) Title: METHOD AND PNEUMATIC MATERIAL CONVEYING SYSTEM

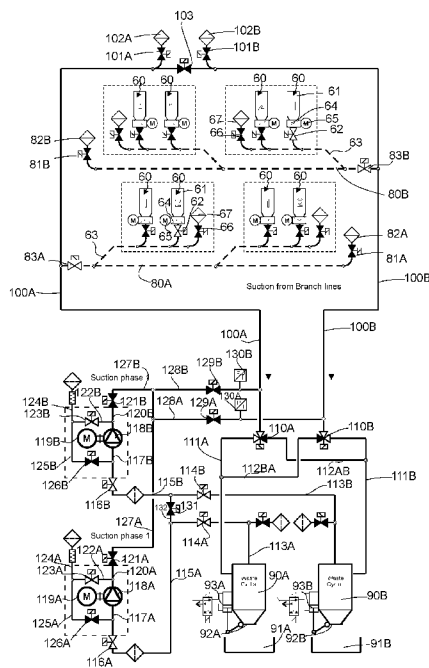


Fig. 1

(57) Abstract: Method in a pneumatic material conveying system, such as a waste conveying system, which conveying system comprises at least one input point (60) of material, more particularly of waste material, a material conveying pipe, which can be connected to the input point (60), and at least one separating device (90, 90A, 90B), in which the material to be conveyed is separated from the conveying air, and also means for achieving a pressure difference and/or a conveying air current in the conveying pipe at least during conveyance of the material, which means for achieving a pressure difference and/or a conveying air current comprise at least one pump unit, which comprises at least one pump device (118A, 118B). In the method the conveying piping comprises at least one main conveying pipe section (100A, 100B) and also at least one branch conveying pipe section (80A, 80B), which can be connected to the main conveying pipe section (100A, 100B), and in that an input point (60) can be connected to a branch conveying pipe section (80A, 80B), in which method material is transferred initially from an input point (60) via a branch conveying pipe (80A, 80B) into a main conveying pipe section (100A, 100B) by means of the suction/pressure difference and/or the conveying air flow achieved by at least one pump device (118A, 118B) and in which method a main conveying pipe section (100A, 100B) is used as a material reservoir and in that in a second phase the material transferred into a main conveying pipe section is transferred by means of the suction/pressure difference and/or the conveying air flow achieved by at least one pump device into a separating means (90A,



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