

Abstract**Construction material silo for storing dry construction material**

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The silo has a closed storage container (1). By means of an intake valve (21) a material intake line (2) connected to the storage container can be opened and closed. By means of a material outlet valve (31) a material outlet line (3) connected to the storage container (1) can be opened and closed. The silo has a dry air intake device (4) comprising an air intake line (41) connecting the storage container (1) with the ambience, a nonreturn air intake valve (42), by means of which the air intake line (41) is opened when the pressure inside the storage container (1) is lower than the ambient pressure, and an air drying filter cartridge (43) arranged in the air intake line (41). An air outlet device (5) comprises an air outlet line (51) connecting the storage container (1) with the ambience, and a nonreturn air outlet valve (52) by means of which the air outlet line (51) is opened when the pressure inside the storage container (1) exceeds the ambient pressure.

Figure 1