

Title (en)  
UNDERGROUND WASTE COLLECTING SYSTEM

Title (de)  
UNTERIRDISCHES ABFALLSAMMELSYSTEM

Title (fr)  
SYSTÈME DE COLLECTE DE DÉCHETS SOUTERRAINS

Publication  
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Application  
**EP 22207129 A 20221114**

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Abstract (en)

The present invention relates to waste collecting system comprising a waste collection container. It is an object of the invention to provide waste collection system and a method for compressing waste inside a waste collection system, which addresses this problem and additionally provides a number of further advantages. The present invention addresses this by providing a waste collection system, wherein the waste collection system has a waste collection container comprising a volume configured to receiving waste, wherein the waste collection container comprises:- an upper container, wherein the upper container member partly encloses an upper volume, and the upper container member has an upper volume opening and an inner cross-sectional circumference of the upper volume opening, wherein at least one receiving passage is arranged in the upper container member, such that the upper volume is in communication with the ambient surroundings and the receiving passage is configured to receiving waste, such that the waste enters the volume, wherein at least one cover is arranged onto the upper shell, such that the cover is capable of covering the receiving passage or part of the receiving passage,- a lower container member enclosing a lower volume, wherein said lower container member has a top opening adaptable to the upper volume opening, such that said upper volume is in communication with said lower volume,- a pressing device arranged in a top part of the upper container member in a first position between the top part and the receiving passage, wherein the pressing device comprises a pressing plate and a pressing means for compressing waste in waste collection container, wherein the pressing means is arranged between a top part of the upper container member and said pressing plate, wherein the pressing means is configured to compressing waste inside the waste collection container by displacing the pressing plate from the first position to a second position inside the waste collection container, such that the pressing plate moves away from the top part of the upper container member towards a bottom part of the lower container member or vice versa, and the pressing plate passes the waste receiving aperture when being displaced.

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Citation (applicant)  
WO 2016120522 A1 20160804 - MOLOK OY [FI]

Citation (search report)  
• [XYI] JP H1171001 A 19990316 - LIFE KOGAKU KENKYUSHO KK  
• [X] EP 3248907 A1 20171129 - H & G ENTSORGUNGSSYSTEME GMBH [DE]  
• [XD] WO 2016120522 A1 20160804 - MOLOK OY [FI]  
• [YA] EP 2664449 A2 20131120 - RHINO ENGINEERING B V [NL]

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