

Title (en)  
Waste disposal device

Title (de)  
Abfallentsorgungsvorrichtung

Title (fr)  
Dispositif d'élimination des déchets ménagers

Publication  
**EP 2628543 A1 20130821 (EN)**

Application  
**EP 12155673 A 20120215**

Priority  
EP 12155673 A 20120215

Abstract (en)  
A waste disposal device includes a grinder tank (31) disposed within a housing (2) and having an inner rounded surface (310) angularly extending about an axis (L) for loading of kitchen waste therein, and a grinder assembly (4) rotatably mounted in the tank (31) about the axis (L) to stir and shred the waste and configured to force the waste to advance forward so that the shredding and drying process can be carried out efficiently. A condensing unit (6) is disposed to cool and condense hot air in the housing into water which is drained through a drain port (22) to thereby reduce leakage of unpleasant odor through an access opening (21) of the housing (2) .

IPC 8 full level  
**B02C 19/22** (2006.01); **B02C 18/00** (2006.01)

CPC (source: EP)  
**B02C 18/0092** (2013.01); **B02C 19/22** (2013.01)

Citation (applicant)  
• US 5710042 A 19980120 - SHINDO YASUHIRO [JP], et al  
• US 6620613 B2 20030916 - HUNG PAI-LI [TW]

Citation (search report)  
• [Y] JP 2006305501 A 20061109 - UNIVERSAL LINE KK, et al  
• [Y] US 3865319 A 19750211 - HOFFMAN RUDOLF  
• [A] JP 2001145839 A 20010529 - MORISHITA KIKAI KK, et al  
• [A] EP 0847805 A1 19980617 - PREMARK FEG LLC [US]  
• [A] US 2431161 A 19471118 - ARVID BJORKLUND

Cited by  
CN110142116A; CN107321463A; CN113874116A; US12083525B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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