

Title (en)  
WASTE-FEEDING METHOD

Title (de)  
ABFALLZUFÜHRVERFAHREN

Title (fr)  
PROCÉDÉ D'ALIMENTATION EN DÉCHETS

Publication  
**EP 3112753 A1 20170104 (EN)**

Application  
**EP 16174338 A 20080815**

Priority

- JP 2007214926 A 20070821
- JP 2007241197 A 20070918
- JP 2007257584 A 20071001
- JP 2008200757 A 20080804
- EP 08792666 A 20080815
- JP 2008065057 W 20080815

Abstract (en)  
A waste-feeding method by a waste-feeding apparatus. The waste-feeding apparatus includes a vertical chute including upper and lower dampers separated from one another by a predetermined distance in an up-down direction, the upper and lower dampers having a sealing function that inhibits external air from entering a gasifier and configured to be alternately opened and closed, and a waste-conveying device configured to convey waste, which has been fed through the vertical chute, toward the gasifier. The waste-feeding method comprises the steps of: if a damper-closed signal is not received although an upper cylinder, which opens and closes the upper damper, has been operated to close the upper damper, determining that the waste is caught by the upper damper, and temporarily stopping feeding of the waste to the vertical chute; during the stop of the feeding of the waste, opening the upper damper to remove the caught waste, and closing the open upper damper; and if the damper-closed signal is received, determining that the waste caught by the upper damper has been removed, and starting the feeding of the waste to the vertical chute.

IPC 8 full level  
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CPC (source: EP)  
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Citation (applicant)

- JP 2003056822 A 20030226 - EBARA CORP
- EP 2180255 A1 20100428 - KOBELCO ECO SOLUTIONS CO LTD [JP]

Citation (search report)

- [I] JP 3707855 B2 20051019
- [A] EP 0072387 A2 19830223 - ONAHAMA SEIREN KK [JP]
- [A] US 6382112 B1 20020507 - FORSBERG STEFAN [SE], et al

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