

Title (en)  
WASTE-FEEDING APPARATUS AND SEALING METHOD THEREOF

Title (de)  
ABFALLZUFÜHRVORRICHTUNG UND VERSIEGELUNGSVERFAHREN DAFÜR

Title (fr)  
APPAREIL D'ALIMENTATION EN DÉCHETS ET PROCÉDÉ DE SCELLEMENT DE CELUI-CI

Publication  
**EP 3112754 A1 20170104 (EN)**

Application  
**EP 16174339 A 20080815**

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- JP 2007257584 A 20071001
- JP 2008200757 A 20080804
- EP 08792666 A 20080815
- JP 2008065057 W 20080815

Abstract (en)

A waste-feeding apparatus, comprising 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 upper and lower dampers have damper bodies, each of the damper bodies having a damper substrate and a hard low-friction resin plate fixed to an upper surface of the damper substrate by mechanical fastening means. When the upper or lower damper is closed, an upper surface of an outer edge portion of the hard low-friction resin plate contacts a sealing surface formed on an inner side of the vertical chute.

IPC 8 full level  
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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)

- [YD] JP 2003056822 A 20030226 - EBARA CORP
- [Y] WO 2007040402 A1 20070412 - BIONORDIC AS [NO], et al
- [Y] JP S6043830 U 19850328
- [A] JP 2007147270 A 20070614 - EBARA CORP
- [A] GB 1349123 A 19740327 - OLESEN L F, et al
- [A] US 3765147 A 19731016 - IPPOLITO A, et al

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