

Title (en)  
SELF-DUMPING SEPARATOR WITH A DISC STACK

Title (de)  
SELBSTENTLEERENDER SEPARATOR MIT TELLERPAKET

Title (fr)  
SEPARATEUR AUTODECHARGEUR A PAQUET D'ASSIETTES

Publication  
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Application  
**EP 05759757 A 20050713**

Priority

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Abstract (en)  
[origin: WO2006027041A1] The invention relates to a vertical axis self-dumping separator provided with a drum (1) in which a disk stack (3) consisting of several discs (4) is arranged, wherein a product to be centrifuged is introducible through a supply pipe (6) and a distributor (7) in a centrifugal chamber (2) which is surrounded by the drum (1), at least two or several ribs (17) are provided in a solid matter chamber (15) disposed outside of the disc stack and a gap between the ribs (17) and the internal wall of the drum (1) is equal to or greater three millimetres.

IPC 8 full level  
**B04B 1/14** (2006.01)

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**B04B 1/08** (2013.01 - EP US); **B04B 1/10** (2013.01 - EP US); **B04B 1/14** (2013.01 - EP US)

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CN 100584467 C 20100127; CN 101043952 A 20070926; DE 102004042888 A1 20060323; DE 502005004749 D1 20080828;  
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