

Title (en)  
CENTRIFUGAL DECANTER

Title (de)  
DEKANTERZENTRIFUGE

Title (fr)  
DECANTEUR CENTRIFUGE

Publication  
**EP 1904238 B1 20110914 (EN)**

Application  
**EP 06742483 A 20060623**

Priority  
• DK 2006000368 W 20060623  
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Abstract (en)  
[origin: WO2006136171A2] A centrifugal decanter comprising a rotatable bowl having a cylindrical part and a conical part; a rotatable, screw conveyor journaled within the bowl coaxially therewith, comprising a shaft and a first helical screw wound around the shaft; a circular weir disposed at an end of said cylindrical part opposite the conical part; an outlet opening from said bowl disposed at the conical part; and an inlet opening to the bowl arranged through the shaft, said bowl and the screw conveyor being rotatable independently with respect to each other wherein the screw conveyor comprises a second helical screw intersecting the first helical screw at a point disposed on the shaft facing the weir and having a terminal end facing the outlet opening.

IPC 8 full level  
**B04B 1/20** (2006.01); **B04B 3/04** (2006.01)

CPC (source: EP)  
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Cited by  
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