

Title (en)  
Decanter centrifuge for the treatment of nuclear products

Title (de)  
Decantierzentrifuge zur Behandlung von nuklearen Produkten

Title (fr)  
Décanteuse centrifuge pour le traitement des produits nucléaires

Publication  
**EP 0628970 B1 19970820 (FR)**

Application  
**EP 94420159 A 19940602**

Priority  
FR 9307020 A 19930607

Abstract (en)  
[origin: EP0628970A1] The settler (decanter) comprises a mechanical assembly (1a, 1b, 1c, 1d, 1e, 1f and 3) which is placed in the mechanical region (M) in order to allow a settler bowl (4) and an Archimedean screw (5) which are arranged in the active region (A) to be driven in rotation about a vertical axis, in which leaktight means make it possible to decouple the mechanical assembly from the bowl (4) and from the screw (5) in order to make it possible to operate thereon without risk of contamination. <IMAGE>

IPC 1-7  
**G21F 9/04**; **G21F 9/06**; **B04B 1/00**

IPC 8 full level  
**B04B 1/20** (2006.01); **B04B 9/12** (2006.01); **G21F 9/04** (2006.01); **G21F 9/06** (2006.01)

CPC (source: EP US)  
**B04B 1/20** (2013.01 - EP US); **B04B 9/12** (2013.01 - EP US); **G21F 9/04** (2013.01 - EP US); **G21F 9/06** (2013.01 - EP US)

Cited by  
EP0690456A1; US8529425B2

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DE FR GB

DOCDB simple family (publication)  
**EP 0628970 A1 19941214**; **EP 0628970 B1 19970820**; DE 69405051 D1 19970925; DE 69405051 T2 19980115; FR 2706216 A1 19941216; FR 2706216 B1 19950721; JP H0712994 A 19950117; US 5494579 A 19960227

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