

Title (en)  
SOLID BOWL SCREW CONVEYOR CENTRIFUGE

Publication  
**EP 0341433 B1 19930804 (DE)**

Application  
**EP 89106271 A 19890410**

Priority  
DE 3816210 A 19880511

Abstract (en)  
[origin: EP0341433A2] Solid bowl screw conveyor centrifuge for the separation of a suspension, for the feeding of which from a fixed charging point outside the centrifuge into the separating space (3) of the centrifuge, formed between the screw (2) and the bowl (1), a fixed-in-place inlet pipe (31) is provided, which is designed to prevent clogging caused by the centrifugal force and malfunctions caused by radial oscillation and to allow low-maintenance operation by this inlet pipe extending into an inlet space (32) of the screw (2) and being supported in its end region (34) there on a part (35, 36), fixed to the screw, by means of a sliding bearing (12), the two bearing shells (14, 15) of which consist of a ceramic material in the area of sliding engagement. <IMAGE>

IPC 1-7  
**B04B 1/20**

IPC 8 full level  
**F16C 33/24** (2006.01); **B04B 1/20** (2006.01); **B04B 9/08** (2006.01); **B04B 9/12** (2006.01); **B04B 11/06** (2006.01); **F16C 33/12** (2006.01)

CPC (source: EP US)  
**B04B 1/20** (2013.01 - EP US); **B04B 9/12** (2013.01 - EP US); **B04B 11/06** (2013.01 - EP US); **B04B 2001/2033** (2013.01 - EP US)

Citation (examination)  
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• EP 0195205 A2 19860924 - FELDMUEHLE AG [DE]  
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• DE 2160493 A1 19730614 - ROSENTHAL ERICH  
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