

Title (en)

APPARATUS FOR SUPPLYING MATERIAL TO BE TRANSPORTED TO A SCREW PUMP

Publication

**EP 0290837 A3 19890111 (DE)**

Application

**EP 88106446 A 19880422**

Priority

DE 3715542 A 19870509

Abstract (en)

[origin: US4823935A] A feeder for an eccentric-worm pump of the type in which breaker shafts with paddles cast bulk material to a feeder worm in a funnel-shaped housing is connected to the eccentric worm pump. To increase the efficiency of the feeder, the paddles are inclined in accordance with the pitch of the feeder worm relative to the axes of the respective breaker shafts so that the material cast by the paddles is directed substantially tangentially to the helical rib of the feeder worm.

IPC 1-7

**B65D 88/68**

IPC 8 full level

**B65D 88/68** (2006.01)

CPC (source: EP US)

**B65D 88/68** (2013.01 - EP US)

Citation (search report)

- [X] US 2991870 A 19610711 - EDWIN GRIFFITH, et al
- [A] FR 721240 A 19320301
- [A] GB 1167927 A 19691022 - PUTZMEISTER MASCHF [DE]
- [A] FR 2230569 A1 19741220 - OUTILLAGE AIR COMPRIME [FR]
- [A] FR 1179111 A 19590521 - EMILE D HOOGE ATEL CONST
- [A] DE 1481283 A1 19691009 - FRANKFURTER OFEN U MASCHB KASP

Designated contracting state (EPC)

AT BE CH ES FR GB IT LI NL

DOCDB simple family (publication)

**DE 3715542 C1 19880421**; EP 0290837 A2 19881117; EP 0290837 A3 19890111; US 4823935 A 19890425

DOCDB simple family (application)

**DE 3715542 A 19870509**; EP 88106446 A 19880422; US 19120388 A 19880506