

Title (en)  
APPARATUS FOR FEEDING AND DISPENSING OF MATERIAL

Title (de)  
GERÄT ZUM ZUFÜHREN UND AUSGEBEN VON MATERIAL

Title (fr)  
APPAREIL DESTINE A L'ALIMENTATION ET A LA DISTRIBUTION DE MATIERES

Publication  
**EP 0722545 A1 19960724 (EN)**

Application  
**EP 94930125 A 19941013**

Priority

- AU 9400625 W 19941013
- AU PM176193 A 19931013

Abstract (en)  
[origin: WO9510715A1] A method and apparatus are described for the feeding and/or mixing and/or blending of materials, more especially particulate materials in the form of dry powders. The apparatus includes a speed reduction drive unit or gearbox including a single input shaft (2) which is in drive connection with at least two output shafts (5 and 6), preferably mounted concentrically or coaxially. The input shaft (2) is driven by an electric motor. The apparatus also includes an epicyclic speed reduction unit including a sun gear (7) and a plurality of planet gear (9), which is in turn in drive connection with the outer (6) of the two concentrically mounted output shafts. Auger means can be associated with the output shaft (5) to assist in conditioning of the material being treated.

IPC 1-7  
**F16H 1/36**; **F16H 37/06**; **B65G 33/36**

IPC 8 full level  
**B65G 33/34** (2006.01); **F16H 1/36** (2006.01); **F16H 37/06** (2006.01)

CPC (source: EP)  
**F16H 37/065** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9510715 A1 19950420**; CA 2174230 A1 19950420; EP 0722545 A1 19960724; EP 0722545 A4 19971229; JP H09504351 A 19970428

DOCDB simple family (application)  
**AU 9400625 W 19941013**; CA 2174230 A 19941013; EP 94930125 A 19941013; JP 51108795 A 19941013