

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

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Application

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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.

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