

Title (en)  
DEVICE FOR DISTRIBUTING BULK MATERIALS WITH ROTARY CHUTE HAVING A VARIABLE ANGLE OF INCLINATION

Title (de)  
DREHBARE VERTEILERSCHURRE FÜR STÜCKGUT MIT EINSTELLBAREM NEIGUNGSWINKEL

Title (fr)  
DISPOSITIF DE REPARTITION DE MATIERES EN VRAC AVEC GOULOTTE ROTATIVE A ANGLE D'INCLINAISON VARIABLE

Publication  
**EP 1218550 A1 20020703 (FR)**

Application  
**EP 00958449 A 20000816**

Priority  
• EP 0007949 W 20000816  
• LU 90433 A 19990903

Abstract (en)  
[origin: US6916146B1] A device for distributing materials in bulk includes a suspension rotor and a chute located below the suspension rotor. The chute is provided with two lateral suspension arms which are connected to the suspension rotor. A driving mechanism produces a pivoting torque capable of pivoting the chute, while a cylindrical suspension pin is associated with each suspension arm for pivotably connecting it to the suspension rotor. A control lever is connected to the suspension rotor, the driving mechanism being connected to the control lever so as to transmit to the latter the pivoting torque. A stop on the control lever and a counterstop on a suspension arm engage with each other to transmit the pivoting torque to the suspension arm. The stop and the counterstop are disengagable by a translation movement of the two suspension arms after withdrawal of the cylindrical suspension pins for removal of the chute.

IPC 1-7  
**C21B 7/20**

IPC 8 full level  
**C21B 7/20** (2006.01)

CPC (source: EP US)  
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Cited by  
CN102472578A; US8701856B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL

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**WO 0118255 A1 20010315**; AT E239803 T1 20030515; AU 6995800 A 20010410; BR 0012536 A 20020416; CN 1186463 C 20050126; CN 1361831 A 20020731; CZ 2002766 A3 20020814; CZ 297757 B6 20070321; DE 60002595 D1 20030612; DE 60002595 T2 20040318; EP 1218550 A1 20020703; EP 1218550 B1 20030507; LU 90433 B1 20010305; TW 434383 B 20010516; US 6916146 B1 20050712; YU 9102 A 20041125

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