

Title (en)  
DEVICE FOR DISTRIBUTING A LUMPY BULK MATERIAL

Title (de)  
VORRICHTUNG ZUM VERTEILEN EINES STÜCKIGEN SCHÜTTGUTES

Title (fr)  
DISPOSITIF POUR REPARTIR UN PRODUIT EN MORCEAUX EN VRAC

Publication  
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Application  
**EP 01969651 A 20010827**

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Abstract (en)  
[origin: US7513729B2] The invention relates to an apparatus and a process for distributing a lumpy bulk material, in particular iron ore which has been at least partially prereduced, onto an extensive surface, in particular onto a fixed bed, this surface extending within a reactor or vessel used in physical or chemical process technology, in particular in a reactor used in a metallurgical plant to produce pig iron or primary steel products, and the lumpy bulk material being charged via at least one charging apparatus, which has at least two, in particular rotationally symmetrical, chutes, which are preferably arranged at the same distance from the vertical longitudinal axis of the reactor. In this arrangement, at least a proportion of the bulk material, in particular after it has been introduced into the chute, before it comes into contact with the extensive surface, is distributed in the radial and/or tangential direction-as seen from above-at a scattering device which is assigned to at least one of the chutes and is preferably in the chute.

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