

Title (en)
DEVICE FOR WITHDRAWING LUMPY MATERIAL

Title (de)
VORRICHTUNG ZUM AUSTRAGEN VON STÜCKIGEM GUT

Title (fr)
DISPOSITIF POUR RETIRER UNE CHARGE ISOLEE

Publication
EP 1029087 A1 20000823 (DE)

Application
EP 98956875 A 19981026

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Abstract (en)
[origin: WO9925881A1] The invention relates to a device for withdrawing lumpy material, especially lumpy material containing iron oxide and/or sponge iron, from a shaft furnace, especially a direct reduction shaft furnace. The withdrawal device consists of worm conveyors which protrude into the shaft furnace over the floor of the same. A number of worm conveyors are aligned along axes. The projection of said axes onto the horizontal cross-sectional surface of the shaft furnace or the imaginary extensions of the projection of the axes forms secants of the horizontal cross-sectional surface of the shaft furnace. Said axes extend at a distance from the central point of the cross section of the furnace.

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