

Title (en)

Charging device for the alternate feeding and distribution of solid materials with two grain sizes.

Title (de)

Beschickungsvorrichtung zur wechselweisen Einfüllung und Verteilung von Feststoffen zweier Kornklassen.

Title (fr)

Dispositif de chargement pour remplir alternativement et pour distribuer des matières solides de deux intervalles granulométriques.

Publication

EP 0400309 B1 19941214 (DE)

Application

EP 90106997 A 19900411

Priority

CH 207689 A 19890602

Abstract (en)

[origin: EP0400309A2] The novel charging device serves for alternate feeding and distribution of solids of two grain sizes into shaft furnaces. The essential elements of the device are - a conveyor installation charging into the shaft opening and operating discontinuously at least in terms of material, and - a distributor screen provided in the shaft underneath the centrally arranged shaft opening and having a centrally arranged rotary flap to be actuated from the outside, the diameter of the rotary flap being adjusted to that of the shaft opening and to the internal diameter of the distributor screen, and the distance between the outer edge of the screen and the inner shaft wall amounting to 1/10 to 1/5 of the internal diameter of the shaft. <IMAGE>

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