

Title (en)

SOLIDS DISTRIBUTOR FOR INJECTION PLANTS, BLAST FURNACES AND THE LIKE

Title (de)

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Title (fr)

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Application

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Abstract (en)

[origin: CA2666566A1] Solids distributor for injection plants, in particular for blast furnaces , comprising a chamber and a plurality of lance lines (90) which lead off, w herein the chamber has a supply connection (77) for a ground solid which is to be distributed. According to the invention, the chamber is a collecting c hamber (72) enclosed by a common wall (73), with the result that the lance l ines (90) connected to it are interconnected within the collecting chamber ( 72), wherein a pressure container (4) is arranged geodetically above the col lecting chamber (72), the lower part of which container is designed as a bun ker (42) and has an outlet (47) connected to the supply connection (77), and the upper part (41) of which container is designed as a gas space. The desi gn of the chamber as a common collecting chamber (72) and the direct connect ion of the lance lines (90) to the common wall (73) provide a significantly better raw distribution, which means that the individual lance controls conv entionally used are largely superfluous. The invention extends to a correspo nding distributor head which is particularly suitable for retrofitting exist ing plants.

IPC 8 full level

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