

Title (en)

METHOD AND DEVICE FOR PRODUCING A STATIC BED

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG EINES FESTBETTES

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE UN LIT FIXE

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Application

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Abstract (en)

[origin: WO0227043A1] The invention relates to a device and method for producing a static bed inside an aggregate used in metallurgical technology, preferably for producing pig iron or steel intermediate products from charging stocks that contain iron, in particular, inside a melt-down gasifier. According to the invention, a lumpy bulk material, which contains ore-bearing constituents and constituents that contain carbon, said constituents being, in particular, prerduced iron ore, preferably sponge iron, and coal that is preferably lumpy, is charged onto a surface, and the bulk material's ore-bearing constituent and its constituent that contains carbon are thoroughly mixed in a preferably uniform manner. The entire ore-bearing constituent is charged onto an active peripheral area (edge area) of the static bed, on which the bulk material's ore-bearing constituent and its constituent that contains carbon are thoroughly mixed in a preferably uniform manner. The invention also relates to an appropriate device for scattering the bulk material stream.

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