

Title (en)

DEVICE FOR DENSELY LOADING A DIVIDED SOLID INTO A CHAMBER

Title (de)

VORRICHTUNG ZUR DICHTLADUNG EINES GETEILTEN FESTSTOFFES IN EINE KAMMER

Title (fr)

DISPOSITIF DE CHARGEMENT DENSE D'UN SOLIDE DIVISE DANS UNE ENCEINTE

Publication

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Application

**EP 10760281 A 20100907**

Priority

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Abstract (en)

[origin: WO2011029815A1] The invention relates to a device (1) for densely loading a divided solid (2) into a chamber (7), intended to interact with a divided-solid supply device (3) arranged to release the divided solid above an access to the chamber. The loading device comprises a shaft (4) rotated about an axis X1 at an adjustable rotational speed, a plurality of deflecting elements (5) rigidly connected in rotation with the shaft, the deflecting elements having an angle, relative to the shaft, which is separately adjustable from the rotational speed of the latter. According to a preferred embodiment, the shaft (4) is hollow in order to define a passage for the divided solid, at least some of the deflecting element (5) having an end (16) arranged at a distance from the axis X1 that is smaller than the distance separating the axis X1 from the the hollow shaft.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2011029815A1

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