

Title (en)

Process and device for heating bulk goods to high temperature

Title (de)

Verfahren und Vorrichtung zum Erhitzen von Schüttgut auf hohe Temperaturen

Title (fr)

Procédé et dispositif pour le réchauffage à haute température de produits en vrac

Publication

EP 0586864 B1 19970521 (DE)

Application

EP 93112126 A 19930729

Priority

DE 4227541 A 19920820

Abstract (en)

[origin: EP0586864A2] To heat bulk goods to high temperatures, in which the bulk goods are first heated to a desired end temperature and then cooled to a lower, but far above ambient, temperature, the bulk goods are heated by circulated heated gas, such as heated air, and cooled in the same manner. For this purpose, a vessel is provided having an agitator or centrifugal mechanism arranged therein for circulating bulk goods charged therein, which vessel is equipped with a jacket for passing through gas, such as air, serving as heat transport medium. In this case, a pipe system, forming a circuit, is connected to the jacket for circulating and heating the gas serving as heat transport medium. <IMAGE>

IPC 1-7

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