

Title (en)

High intensity mixer

Title (de)

Hochintensitätsmischer

Title (fr)

Mélangeur à haute intensité

Publication

EP 0885652 A1 19981223 (EN)

Application

EP 98201664 A 19980519

Priority

NL 1006311 A 19970613

Abstract (en)

The invention relates a device for treatment, such as mixing, of particulate material (P), comprising a conical mixing vessel (1) having a vertical axis (2), which vessel narrows in a downward direction and in which vessel at least one vertical mixing shaft (3) is rotatable, from which mixing shaft (3) a number of radial elements (4) project that carry paddles at the outer end, that extend until the vicinity of the sidewall of the vessel (1). According to the invention there are a great number of long and thin elements (4), whereas the mixing paddles (5) are relatively short and are symmetrical round the axis of the elements (4) in which the mixing shaft (3) has a high to very high number of revolutions (N) such as for instance 100 through 1.000 revolutions per minute, so that the product (P) to be treated is very intensively mixed in a very short time. <IMAGE>

IPC 1-7

B01F 13/00

IPC 8 full level

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CPC (source: EP)

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