

Title (en)

METHOD AND DEVICE FOR SEPARATING BULK MATERIAL ACCORDING TO DENSITY

Publication

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Application

EP 82110239 A 19821106

Priority

DE 3148665 A 19811209

Abstract (en)

[origin: EP0081087A2] In a method for separating according to density bulk material consisting of a finely particled and coarsely particled first component of low specific weight and at least one second component of a higher specific weight, in particular ground rough coal, the fine portion (FK) of the first component is fluidised in a vibrator trough (1) with a gas (L) and flows off in one direction. The residual material (GK + P + B) is conveyed in the other direction. Finally, at least the coarse portion (GK) of the first component is separated off from the residual material. In order to simplify the separation off of the coarse portion in method terms, it is proposed that at least the separation off of the coarse portion from the residual material essentially having no further fine portion (FK) occurs by means of the directional vibrational movement of the vibration trough (1). In a device for carrying out the method, the required separating device is integrated according to the invention into the vibration trough. <IMAGE>

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