

Title (en)

AIR SEPARATOR AND A SINGLE-ROTOR SEPARATOR BALL MILL WITH SUCH AN AIR SEPARATOR

Title (de)

WINDSICHTER UND EINROTORIGE SICHTERMÜHLE MIT EINEM SOLCHEN WINDSICHTER

Title (fr)

AEROSEPARATEUR ET BROYEUR DE SEPARATEUR A ROTOR UNIQUE COMPORTANT UN AEROSEPARATEUR DE CE TYPE

Publication

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Application

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Priority

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Abstract (en)

[origin: US5899396A] An air separator for crushing coarse particles of a material and separating resultant fine particles has a single motor which drives a separator wheel having a plurality of blades mounted between two disks and defining radial blade channels through which separating air carries the fine particles from outside to inside. A plurality of beaters is mounted on one of the disks for crushing coarse particles. Apparatus for continuously varying the cross section of the flow path of the separator air is provided for varying a cut point below which particles are carried by the separating air and above which particles are returned to the beaters for further crushing without variation of the speed of the motor.

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