

Title (en)

METHOD AND DEVICE FOR REDUCING CUTTINGS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ZERKLEINERN VON SPÄNEN

Title (fr)

PROCEDE ET DISPOSITIF POUR BROIER DES COPEAUX

Publication

EP 1255612 B1 20040128 (DE)

Application

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Priority

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Abstract (en)

[origin: US2002175234A1] A method and two apparatuses for comminuting chips are presented. Chip breakers without a coarse-part ejecting element are often used for comminuting chips. Blocking constituents therefore have to be removed with great effort, for example by hand. If a coarse-part ejecting element is present, there is no differentiation between blocking hard parts and blocking clumps of chips, but instead both types are ejected. It is now envisaged to subdivide blocking constituents in horizontal chip breakers into categories, depending on the negative acceleration of the shaft (3, 17, 18) caused by the blocking, and to assign to each category a defined reversing operation for loosening the blocking constituents and, if appropriate, discharge from the comminuting space (1, 15) by means of a coarse-part ejecting element (12, 32).

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