Title (en)

CYLINDRICAL CUTTER

Title (de)

WALZENFRÄSER

Title (fr)

FRAISE CYLINDRIQUE

Publication

**EP 2136952 A1 20091230 (DE)**

Application

**EP 08715490 A 20080211**

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Abstract (en)

[origin: CA2679959A1] The invention relates to a cylindrical cutter, the roller body of which c omprises grooves provided along the length thereof at a distance from one an other and at an angle to the longitudinal axis. Indexable inserts, particula rly coated hard metal inserts, are disposed in the grooves. In order to larg ely prevent axial forces from acting on the milling cutter or on the materia l to be worked, either the grooves and thus the cutting edges of the indexab le inserts are aligned sectionally at different angles, said angles being se lected such that the axial forces generated in the one section during the mi lling process are neutralized or are reduced to a defined degree by the axia l forces generated in the neighboring section, or the indexable inserts are disposed or aligned alternately in the grooves such that the axial force gen erated by one indexable insert during the milling process is neutralized by the axial force generated by the neighboring indexable insert.

IPC 8 full level

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CPC (source: EP KR US)

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