

Title (en)
Milling machine

Title (de)
Fräsmaschine

Title (fr)
Fraiseuse

Publication
EP 1197600 A3 20021218 (DE)

Application
EP 01124002 A 20011009

Priority
DE 10050396 A 20001012

Abstract (en)
[origin: EP1197600A2] Cutting machine comprises a frame with two roller supports (3), a cutting roller (5) equipped with cutters and positioned on the roller supports so that it rotates, and a drive unit (16) on the outer side of one or both of the roller supports in an arrangement offset upward eccentrically to the roller axis (5a). The drive unit is connected to the cutting roller via a gear (10). The complete gear is located in the cutting roller in an inner chamber (48) connected to its side (5c). The shaft (46) of the drive unit is connected to the gear in the inner chamber eccentrically to the roller axis. Preferred Features: The gear comprises a central driven shaft (14a) coupled with the cutting roller in one of the regions a distance away from the side.

IPC 1-7
E01C 23/088; E01C 21/00; B28D 1/18

IPC 8 full level
B28D 1/18 (2006.01); **E01C 23/088** (2006.01)

CPC (source: EP)
B28D 1/18 (2013.01); **E01C 23/088** (2013.01)

Citation (search report)
• [XY] US 5893677 A 19990413 - HAEHN GUENTER [DE], et al
• [X] DE 3428090 C1 19860130 - WIRTGEN REINHARD
• [Y] DE 4123777 A1 19930121 - LINDNER KARL [DE]
• [A] US 4043402 A 19770823 - NELSON ALBERT W
• [AD] DE 3911947 A1 19900215 - JGS INGENIEURBUERO GMBH [DE]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
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