

Title (en)

Rolling machine capable of forming different types of teeth simultaneously

Title (de)

Walzmaschine zur gleichzeitigen Herstellung von unterschiedlichen Arten von Zähnen

Title (fr)

Machine de laminage pour la fabrication simultanée de dents de types différents

Publication

EP 1208927 A2 20020529 (EN)

Application

EP 00128748 A 20001230

Priority

KR 20000070232 A 20001124

Abstract (en)

A rolling machine for performing a rolling of different types of teeth mounted on a shaft, is provided with a forming die (10) including a first section (11) and a second section (12) provided with a camming profiled circumferential surface of 360 degree. The circumferential surface is divided into a guide surface of a predetermined angle, a gradual forming surface of a predetermined angle, a finishing section surface of a predetermined angle, and a rotation stop section surface of a predetermined angle, which are angularly positioned in that order on the circumferential surface. The rolling machine is also provided with a power transmitting device for transmitting and disconnecting a driving force to the forming die (10) and a position detecting sensor for controlling a stop timing of the forming die. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR US)

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