

Title (en)

CUTTING UNIT FOR CUTTING AT LEAST ONE CONTINUOUS ROD

Title (de)

SCHNEIDEEINHEIT ZUM SCHNEIDEN MINDESTENS EINES DURCHGEHENDEN STRANGES

Title (fr)

UNITÉ DE DÉCOUPAGE POUR COUPER AU MOINS UNE TIGE CONTINUE

Publication

EP 1905316 A2 20080402 (EN)

Application

EP 07117447 A 20070928

Priority

IT BO20060664 A 20060928

Abstract (en)

A cutting unit (1), for cutting at least one continuous rod (2), has a rotary cutting drum (5) with at least one radial blade (7); a cutting block device (8) having at least one blade-guide bush (9), which is advanced a given distance together with and enclosing the continuous rod (2), and has a transverse through slit (10) engaged by the blade (7) of the cutting drum (5) during the cutting operation; a first electric motor (14) for rotating the cutting drum (5) about a central axis of rotation (6); and an actuating system (11) for actuating and imparting to the blade-guide bush (9) a given cyclic law of motion synchronized with rotation of the cutting drum (5), and which has a second electric motor (15) mechanically independent of the first electric motor (14), and a control device (16) for controlling the second electric motor (15) to synchronize the second electric motor (15) with the first electric motor (14).

IPC 8 full level

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Citation (applicant)

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