

Title (en)
Roll stand.

Title (de)
Walzgerüst.

Title (fr)
Cage de laminoir.

Publication
EP 0126059 A2 19841121 (DE)

Application
EP 84890054 A 19840321

Priority
AT 166883 A 19830506

Abstract (en)
1. A rolling mill stand (1) for use in a rolling mill train for rolling rod stock, particularly of high-alloy steels or superalloys, comprising a pinion drive (2) and a replaceable roll housing (7), wherein the pair of rolls (9) mounted in the roll housing (7) are adapted to be coupled to the pinion drive (2) by means of couplings (13), which consist of members (13', 13'') which are adapted to be pulled apart, characterized in that the pinion drive (2) has associated with it a roll housing (7) provided with rolls (9) having a barrel diameter and neck diameters selected for a certain cross-sectional range of the rod stock to be rolled and at least one additional, other roll housing (7') comprising rolls (9') which have barrel and neck diameters selected for a smaller cross-sectional range of the rod stock to be rolled, and said other roll housing is adapted to be connected to the pinion drive (2) instead of the first-mentioned roll housing (7) by means of an intermediate drive (14), which is adapted to the changed roll dimensions, in such a manner that the center line of the rolling path remains the same and said intermediate drive (14) carries at its inlet end a coupling member (13''), which is adapted to be connected to one of the output shafts (3) of the pinion drive (2) and cooperates with that member (13') which is mounted on said output shaft (3) and belongs to the coupling for connection to the roll housing, and couplings (17) consisting of members (17', 17'') which can be pulled apart are provided also for operatively connecting the intermediate drive (14) and the additional roll housing (7').

Abstract (de)
Ein Walzgerüst (1) für eine Walzstraße zum Walzen von Stabmaterial insbesondere aus hochlegierten Stählen oder Superlegierungen besteht aus einem Kammwalzgetriebe (2) und einem wechselbaren Walzengehäuse (7). Im Walzengehäuse (7) ist ein Walzenpaar (9) gelagert, das über eine lösbare Antriebsverbindung (13) an die Abtriebswellen (3) des Kammwalzgetriebes (2) ankuppelbar ist. Um auf kleinem Raum eine auf verschiedenste Walzenprogramme und Walzdimensionen anpaßbare Walzstraße zu erreichen, ist dem Kammwalzgetriebe (2) zusätzlich zu dem einen Walzengehäuse (7) wenigstens ein weiteres anderes Walzengehäuse (7') mit einem genenüber dem Walzengehäuse (7) kleiner dimensionierten Walzenpaar (9') zugeordnet, das anstatt des ersteren Walzengehäuses (7) bei Aufrechterhaltung dessen Walzmitte unter Einsatz einer zusätzlichen, an die geänderten Walzdimensionen angepaßten Antriebsverbindung (14) am Kammwalzgetriebe (2) anschließbar ist.

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