

Title (en)
Device for introducing rolled steel sections into a cold shearing machine.

Title (de)
Vorrichtung zum Einführen von Walzstahlprofilen in eine Kaltschere.

Title (fr)
Dispositif pour introduire des profilés en acier laminé dans une cisaille à froid.

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EP 0480548 B1 19940525 (DE)

Application
EP 91250257 A 19910925

Priority
DE 4032335 A 19901009

Abstract (en)
[origin: EP0480548A1] The invention relates to a device for introducing rolled steel sections piled up into layers after cooling beds into a cold shearing or straightening machine. In the device, the layers, which have been transferred to a roller table ahead of the straightening or shearing machine, are held by a correspondingly profiled hold-down roller, taken over by a holding device, which is suspended above the roller table, can be traversed in the longitudinal direction of the sections and is designed as a lifting magnet with profile strips, and are conveyed to the driver of the cold shearing or straightening machine synchronously with the transfer rate of the roller table. In order to provide a device for feeding the rolled steel sections into cold shearing or straightening machines which can be retrofitted into existing plants and guarantees reliable guidance of the layers of bar steel into the shearing and straightening machine, it is proposed that the hold-down roller (5) and the holding device (13) be arranged on a common carriage (3), that the lifting magnet (6) be displaceable parallel to the transfer path of the carriage (3) by a limited distance (14) relative to the holding device (13) and be provided with a displacement measuring device which, as a function of the displacement measured, outputs a signal to the drive (9) of the carriage (3) via a computer in order to match the carriage speed to the speed of the material. <IMAGE>

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