Title (en)

DEVICE FOR STRAIGHTENING RODS OR WIRE WITHOUT RELATIVE ROTATION OF SUCCEEDING ELEMENTS OF MATERIAL ABOUT THE LONGITUDINAL AXIS

Publication

EP 0194478 B1 19891206 (EN)

Application

EP 86102121 A 19860219

Priority

- IT 8334285 A 19850308
- IT 8342685 A 19851018

Abstract (en)

[origin: EP0194478A2] A device to prevent the rotation of longitudinal advancing rods or wire, particularly for straightening or eventual bending machines, comprising: on a first working plane (A) a first group of advancing rod deviating means realizing a pathway deviation angle, preferably comprised between 10 DEG and 90 DEG , by two inclined rod roller straightening guide means realizing each one, said continuous arm levers guide means (c,c min), placed along the triangle sides between the deviating angles, of the respective rod angled deviation, being donwards from the second inclined roller straightening guide means (c min), a reangleing means (e) placed, to realign the advancing rod on the advancing working pathway line parallel to said plane; on a second working plane (B) parallel to said advancing and working pathway line, orthogonal and downwards placed from the first (A): a further first incliend rod roller straightening guide means (c sec) is placed, being downwards this one a rod roller reagling means (e min) on the advancing working line parallel to said plane provided.

IPC 1-7

B21D 11/12

IPC 8 full level

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CPC (source: EP)

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Cited by

DE4325492A1; EP0469410A1; FR2646366A1; GR880100466A; CN105170841A; EP0423591A1; US5067337A; EP0269157A3; US5035130A; CN116727564A; DE4117955A1; CN109226587A; CN114433751A; WO2023092332A1; EP1852195A2

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