

Title (en)

APPARATUS FOR BENDING CONCRETE REINFORCING STEEL

Publication

EP 0256974 B1 19930113 (DE)

Application

EP 87810205 A 19870403

Priority

CH 326786 A 19860814

Abstract (en)

[origin: EP0256974A2] The mechanism for concrete reinforcing bars, partly grouted, provides blending through 90 deg. It has two shaping tools (1,6), swivelable about a bolt (15), forming a swivel and bending axis. The first tool (1) is height adjustable on a support (3) and lockable in position, and has a holder (17) for the bar (16) open to one side whose free space is tangential to the bolt. On the second tool (6) is a freely rotating shaft (18) parallel to and offset from the bolt, and an actuating arm (7). The tools swivel over a sufficient angle for the shaft to move across the extension of the free space in the holder.

IPC 1-7

B21D 11/12

IPC 8 full level

B21D 7/06 (2006.01); **B21D 11/12** (2006.01)

CPC (source: EP)

B21D 7/063 (2013.01); **B21D 11/12** (2013.01)

Cited by

EP0844917A4; US2016167104A1; AU2013101432B4; US10413962B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0256974 A2 19880224; **EP 0256974 A3 19900131**; **EP 0256974 B1 19930113**; AT E84453 T1 19930115; CH 670583 A5 19890630; DE 3783537 D1 19930225; DE 8708915 U1 19870917; ES 2038206 T3 19930716

DOCDB simple family (application)

EP 87810205 A 19870403; AT 87810205 T 19870403; CH 326786 A 19860814; DE 3783537 T 19870403; DE 8708915 U 19870627; ES 87810205 T 19870403