

Title (en)

METHOD FOR PRODUCTION OF RIBBED REINFORCING STEEL

Publication

EP 0403916 B1 19931006 (DE)

Application

EP 90111026 A 19900612

Priority

DE 3919382 A 19890614

Abstract (en)

[origin: EP0403916A1] Method for production of ribbed reinforcing steel, a steel wire being produced by hot rolling and, in the process, provided with oblique ribs and, if required, longitudinal ribs (in particular according to DIN 488). The steel wire (5) hot-ribbed in this way is subjected to cold stretching and its yield strength and elongation are thereby adjusted. The steel wire (5) is stretched continuously and, for this purpose, is guided over at least two driven stretching pulleys (1, 2) (or stretching rolls) working at different peripheral speeds on the steel wire (5). The degree of stretching is controlled via the difference in the peripheral speed of the two stretching pulleys (1, 2). The yield strength and elongation are controlled via the stretching rate. The invention also discloses an arrangement for carrying out the method. <IMAGE>

IPC 1-7

B21C 1/12; **B21F 9/00**

IPC 8 full level

B21C 1/12 (2006.01); **B21F 9/00** (2006.01); **C21D 8/08** (2006.01)

CPC (source: EP)

B21C 1/12 (2013.01); **B21F 9/00** (2013.01); **B21F 9/007** (2013.01); **C21D 8/08** (2013.01)

Cited by

EP0469410A1; KR102389355B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0403916 A1 19901227; **EP 0403916 B1 19931006**; AT E95453 T1 19931015; DE 3919382 A1 19910103; DE 59002981 D1 19931111; ES 2048363 T3 19940316

DOCDB simple family (application)

EP 90111026 A 19900612; AT 90111026 T 19900612; DE 3919382 A 19890614; DE 59002981 T 19900612; ES 90111026 T 19900612