

Title (en)  
WIRE DRAWING APPARATUS AND METHOD

Publication  
**EP 0346534 A3 19900725 (EN)**

Application  
**EP 88305397 A 19880613**

Priority  
EP 88305397 A 19880613

Abstract (en)  
[origin: EP0346534A2] Single and multi-wire drawing apparatus and method are described. A first wire drawing section (12) includes two pairs of cone drawing blocks (20, 24; 36, 40) and two tandem drawing blocks (48, 56). A second wire drawing section includes a number of tandem drawing blocks (58-64), four in the described embodiment, and a final capstan drawing block (66). The final tandem drawing block (56) of the first wire drawing section (12) is arranged on the second wire drawing section (14). All of the drawing blocks of the first wire drawing section (12) are driven by a single drive (78), while the tandem and the final capstan drawing blocks on the second wire drawing section (14) are actuated by a second drive (92). The dies (68-76) associated with each tandem drawing block (58-64) of the second section (14) are movable so that a number of different wire sizes can be produced by appropriately moving the dies (68-76) and adjusting the speed of the first drive (78) to provide a desired wire speed entering into the second wire drawing section (14).

IPC 1-7  
**B21C 1/04**; **B21C 1/12**

IPC 8 full level  
**B21C 1/04** (2006.01); **B21C 1/12** (2006.01)

CPC (source: EP)  
**B21C 1/04** (2013.01); **B21C 1/12** (2013.01)

Citation (search report)

- [A] DE 3106830 A1 19820909 - HENRICH WERNER
- [A] US 3462993 A 19690826 - O'GRADY JOSEPH V
- [A] PATENT ABSTRACTS OF JAPAN, vol. 4, no. 161 (M-40)[643], 11th November 1980; & JP-A-55 112 120 (FURUKAWA DENKI KOGYO K.K.) 29-08-1980

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Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0346534 A2 19891220**; **EP 0346534 A3 19900725**; **EP 0346534 B1 19950412**; DE 3853586 D1 19950518; DE 3853586 T2 19951109; ES 2074439 T3 19950916

DOCDB simple family (application)  
**EP 88305397 A 19880613**; DE 3853586 T 19880613; ES 88305397 T 19880613