

[12] Patent

[11] Patent No.: GC 0000272	Number of the Decision to Grant the Patent: 6/650
[45] Date of Publishing the Grant of the Patent: 01/11/2006 6/2006	Date of the Decision to Grant the Patent: 14/05/2006
[21] Application No.: GCC/P/2001/1197 [22] Filing Date: 26/02/2001 [30] Priority: [31] Priority No. [32] Priority date [33] State MI2000A000427 03/03/2000 IT [72] Inventor: Carlo Colombo [73] Owner: S.I.T.A.I. S.P.A. Societa' Italiana Tubi Acciaio Inossidabile, Via Valsesia 2/8, 28077 Prato Sesia, Italy [74] Agent: Suleiman Ibrahim Al-Ammar	[51] Int. Cl. ⁷ : B22D 11/00, 11/128; B21B 23/00 [56] Cited Documents: - US 4809423 A (PETERSEN URLICH) 07 March 1989 - US 3673836 A (PETERSEN URLICH et al.) 04 July 1972 - US 4876870 A (RANTANEN MAURI V) 31 October 1989 - US 3578065 A (LANGER REINHOLD) 11 May 1971 - US 3578065 A (LANGER REINHOLD) 11 May 1971 - US 4000773 A (SEVASTAKIS GUS) 04 January 1977

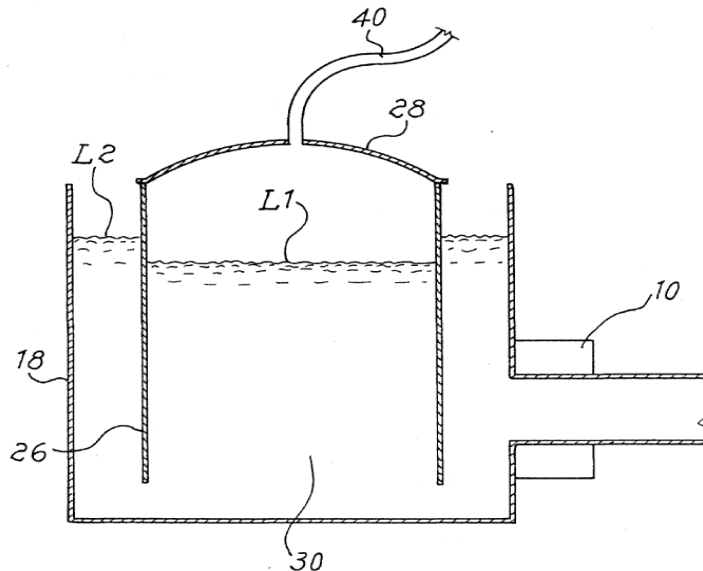
[54] PROCESS FOR THE PRODUCTION OF INDUSTRIAL TUBES OR SECTION BARS FROM METAL AND RELATED APPARATUS

[57] Abstract: A process for the production of industrial tubes or section bars from metal, such as copper, copper alloys, special brasses, cupronickel or aluminum bronzes, comprises the following steps:

- Melting the metal material with possible working scraps;
- Obtaining a preform from a casting;
- Roll milling and/or drawing said preform to reduce its section;
- Drawing with one or more concatenated invention said roll-milled and/or drawn perform, in order to further reduce its section up to the size desired;
- Straightening and possibly submitting to thermal and/or degreasing treatment the dimensionally finished product, and cutting the finished product to measure.

No. of claims: 10

No. of figures: 3



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