

Title (en)

Pipes for manufacturing stabilisers and manufacturing stabilisers therefrom

Title (de)

Rohre für die Herstellung von Stabilisatoren und Herstellung von Stabilisatoren aus solchen Rohren

Title (fr)

Tuyaux pour la fabrication de stabilisateurs et fabrication de stabilisateurs à partir desdits tuyaux

Publication

EP 0753595 A3 19980826 (DE)

Application

EP 96109631 A 19960625

Priority

DE 19524574 A 19950706

Abstract (en)

[origin: EP0753595A2] The use of a steel alloy of compsn. (wt. %): 0.18-0.3 C; 0.1-0.5 Si, 1.1-1.8 Mn, max. 0.025 P, max 0.025 S, 0.02-0.05 Ti, 0.0005-0.005 B, 0.01-0.05 Al, balance Fe plus usual melting impurities for tubes used in the production of stabilisers for vehicles, esp. torsion bars is claimed. Also claimed are: (i) the stabilisers made from the alloy; (ii) a process for producing stabilisers from drawn or welded tubes comprising normal annealing the tubes, producing the stabilisers; and water quenching; (iii) a process for producing bent stabilisers from non-hardened tubes comprising bending at above the Ac3 point followed by quenching; and (iv) a further process for producing bent stabilisers from tubes comprising hardening the tubes and then bending.

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C22C 38/04; **F16F 1/14**; **C21D 9/08**

IPC 8 full level

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CPC (source: EP)

C21D 9/02 (2013.01); **C21D 9/08** (2013.01); **C22C 38/04** (2013.01)

Citation (search report)

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- [A] DE 4321241 A1 19950105 - HESONWERK DR ISKE GMBH [DE]
- [A] US 4781054 A 19881101 - BROWN PETER A [CA], et al
- [A] US 4854150 A 19890808 - BROWN PETER A [CA], et al

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