

Title (en)  
Hot rolled steel sheet for deep drawing

Title (de)  
Warmgewalztes Stahlblech zum Tiefziehen

Title (fr)  
Tôle d'acier laminé à chaud pour emboutissage profond

Publication  
**EP 0835945 B1 20030319 (FR)**

Application  
**EP 97402089 A 19970908**

Priority  
FR 9611413 A 19960919

Abstract (en)  
[origin: US5873957A] A hot-rolled sheet steel for deep drawing, characterized in that it has the following composition: - carbon >0.010 wt. % and <0.080 wt. % - manganese >0.1 wt. % and <0.5 wt. % - aluminum >0.02 wt. % and <0.08 wt. % - silicon <0.1 wt. % - phosphorus <0.04 wt. % - sulfur <0.025 wt. % - titanium <0.05 wt. % - nitrogen <0.009 wt. % - boron >0.001 wt. % and <0.01 wt. % - copper >0.1 wt. % and <0.8 wt. % - nickel >0.05 wt. % and <0.6 wt. %.

IPC 1-7  
**C22C 38/16**; **C22C 38/08**; **C21D 8/04**

IPC 8 full level  
**C21D 8/04** (2006.01); **C21D 9/46** (2006.01); **C22C 38/00** (2006.01); **C22C 38/16** (2006.01)

CPC (source: EP US)  
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**US 5873957 A 19990223**; AT E234944 T1 20030415; CA 2215570 A1 19980319; DE 69719898 D1 20030424; DE 69719898 T2 20040304; DK 0835945 T3 20030623; EP 0835945 A1 19980415; EP 0835945 B1 20030319; ES 2193338 T3 20031101; FR 2753399 A1 19980320; FR 2753399 B1 19981016; JP H10102198 A 19980421; KR 19980024716 A 19980706; PT 835945 E 20030630

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