

Title (en)

Cold reduced enamelling steel sheet and an enamelled structure comprising a component of such a steel sheet

Title (de)

Kaltverformtes emailliertes Stahlblech und emaillierte Struktur mit einem Bestandteil von einem solchen Stahlblech

Title (fr)

Tôle en acier émaillé formé à froid et structure émaillée contenant un composant d' une tôle d' acier

Publication

EP 1336665 B1 20080702 (EN)

Application

EP 02075654 A 20020218

Priority

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Abstract (en)

[origin: EP1336665A1] Cold reduced enamelling steel sheet comprising (in weight ppm unless otherwise indicated) $5 \leq C \leq 90$; $0.10 \leq Mn \leq 0.50$ (wt. %); $Alas \leq 300$ (acid soluble A1); $O \leq 35$; $S \leq 350$; $30 \leq N \leq 110$; $B_{min} < B \leq B_{max}$; wherein $B_{min} = Nx0.80 \times 10.8/14$ and $B_{max} = Nx10.8/14 + 144/6$; and optionally $Si \leq 90$; $50 \leq P \leq 160$; in combination with $C_{min} \leq Cu \leq C_{max}$; wherein $C_{min} = Px1.00 \times 63.6/31$ and $C_{max} = Px2.00 \times 63.6/31$; in each case the balance being Fe and unintentional and/or inevitable impurities.

IPC 8 full level

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CPC (source: EP)

C21D 8/0436 (2013.01); **C22C 38/001** (2013.01); **C22C 38/004** (2013.01); **C22C 38/16** (2013.01)

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DOCDB simple family (publication)

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