

Title (en)
Improved punching machine for metal sheet panels

Title (de)
Verbesserte Stanzvorrichtung für Blechteile

Title (fr)
Poinçonneuse de tôles améliorée

Publication
EP 0920933 B1 20031217 (EN)

Application
EP 98203435 A 19981012

Priority
IT MI972695 A 19971205

Abstract (en)
[origin: EP0920933A2] Punching machine for metal sheet panels comprising a work table (1), a bearing structure (2; 2 @ , 2 @) for punching means (4 @ , 4 @) having a groove (3) where said work table passes through, and moving means (13, 14; 13, 60) for a panel on said work table to bring the panel in correspondence of said punching means, characterised in that said punching means comprise two punching units (4 @ , 4 @) that are mounted to said bearing structure (2; 2 @ , 2 @) and are substantially facing one another. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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Cited by
CN114378171A; EP1759782A1; FR2872440A1; EP1447156A1; US7090898B2; WO2006013260A1; WO2007026079A1; WO03015953A1

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EP 0920933 A2 19990609; **EP 0920933 A3 20010103**; **EP 0920933 B1 20031217**; AT E256511 T1 20040115; BR 9805137 A 19991221; CA 2250781 A1 19990605; DE 69820575 D1 20040129; DE 69820575 T2 20041104; ES 2212213 T3 20040716; IT 1296923 B1 19990803; IT MI972695 A1 19990605; JP H11244958 A 19990914; KR 19990062770 A 19990726

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