

Title (en)  
THIN PLATE METAL PUNCHING APPARATUS

Title (de)  
DÜNNBLECHSTANZVORRICHTUNG

Title (fr)  
APPAREIL DE PERFORATION DE MÉTAL EN PLAQUE MINCE

Publication  
**EP 2153915 A1 20100217 (EN)**

Application  
**EP 08751792 A 20080522**

Priority  
• JP 2008001280 W 20080522  
• JP 2007136049 A 20070522

Abstract (en)  
A sheet metal punching apparatus 1 includes an upper die holder 2 which is raised and lowered by a hydraulic ram and the like; a pressing plate 3 secured to the upper die holder 2; a pressing pad 5 suspended from the upper die holder 2 through a resilient member 4; a punch holder 7 constructed as a punch unit secured to the pressing pad 5 by means of a bolt 6 and the like; a lower die 9 on which thin sheet metal 8 to be subjected to punching is placed; and a die 10 embedded in the lower die 9.

IPC 8 full level  
**B21D 28/34** (2006.01); **B21D 28/26** (2006.01)

CPC (source: EP KR US)  
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Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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