

Title (en)  
CAST HAMMER FOR A FORGING MACHINE

Publication  
**EP 0034139 B1 19830921 (DE)**

Application  
**EP 81890012 A 19810123**

Priority  
AT 63680 A 19800206

Abstract (en)  
[origin: EP0034139A1] 1. A cast hammer for forging machines, in particular long forging machines, comprising a base plate (1) with a base surface (4), which when mounted on the forging piston-rod bears on the base thereof, and an operating surface (5) which is situated opposite the base surface (4) and which has a smoothing surface (6) which is approximately parallel to the base surface, characterized in that at least one rounded recess or bore (7, 10, 12), which completely or partially passes through the hammer and which is disposed in the vicinity of the thermal centre of the hammer and which passes through, or is arranged symmetrically to, the plane of symmetry of the hammer extending approximately at right angles to the base plate (1), is provided between the base plate (1) and the operating surface (5, 6).

IPC 1-7  
**B21J 13/06**

IPC 8 full level  
**B21J 7/14** (2006.01); **B21J 13/06** (2006.01)

CPC (source: EP)  
**B21J 7/14** (2013.01); **B21J 13/06** (2013.01)

Citation (examination)  
• DE 608449 C 19350125 - AEG  
• DE 803144 C 19510301 - BECHE & GROHS G M B H  
• DE 2024248 A1 19710107  
• DE 2012782 B  
• US 1977420 A 19341016 - HANS BECHE

Cited by  
RU2507024C1; RU2507023C2; CN1066077C

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0034139 A1 19810819; EP 0034139 B1 19830921**; AT 365493 B 19820125; AT A63680 A 19810615; DE 3160896 D1 19831027

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