

Title (en)

Hot dies type forging press and thermal insulation means for said press

Title (de)

Schmiedepresse des heissen Matrizentyps und Wärmeisolationsmittel für derselben

Title (fr)

Presse de forgeage du type à matrices chaudes et moyen d'isolation thermique pour la presse

Publication

**EP 1681113 A1 20060719 (FR)**

Application

**EP 06100297 A 20060112**

Priority

FR 0550127 A 20050114

Abstract (en)

The forging press has two dies between two die support elements, a thermal insulation placed between each die and its support element. The thermal insulation has two superposed layers (A, B), a first layer (A) having a first material having mechanical and thermal properties suitable for operation at a temperature above a temperature T, a second layer (B) having a second material having mechanical and thermal properties suitable for operating at a temperature below the temperature T. An independent claim is included for a thermal insulator.

IPC 8 full level

**B21K 29/00** (2006.01); **B30B 15/06** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] US 3926029 A 19751216 - ABSON DAVID J, et al
- [A] US 3998580 A 19761221 - PFFIFFER HEINRICH
- [AD] PATENT ABSTRACTS OF JAPAN vol. 012, no. 437 (M - 765) 17 November 1988 (1988-11-17)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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