

Title (en)

Fast moving part of a plastic working apparatus

Title (de)

Schnelllaufendes Teil für eine Maschine zur plastischen Verformung

Title (fr)

Élément à mouvement rapide pour une machine de façonnage plastique

Publication

EP 1057901 A3 20020206 (EN)

Application

EP 00111267 A 20000525

Priority

- JP 15598999 A 19990603
- JP 2000108499 A 20000410

Abstract (en)

[origin: EP1057901A2] A fast moving part for a plastic working apparatus, such as a press. It is formed from a composite containing, e.g., aluminum as a light metal matrix. The composite contains 10% to 45% by volume of a ceramic material and 0.1% to 1.0% by weight of free-cutting inclusions.

IPC 1-7

C22C 32/00; B30B 15/06; B29C 43/32; C22C 21/00

IPC 8 full level

B30B 15/06 (2006.01); **C22C 32/00** (2006.01)

CPC (source: EP US)

C22C 32/0036 (2013.01 - EP US); **C22C 32/0089** (2013.01 - EP US)

Citation (search report)

- [X] WO 9634991 A1 19961107 - UNIV QUEENSLAND [AU], et al
- [A] US 5128213 A 19920707 - TANAKA TADASHI [JP], et al
- [AD] DATABASE WPI Section Ch Week 199840, Derwent World Patents Index; Class M26, AN 1998-461208, XP002185105

Cited by

CN103898384A; EP1477576A4; US7052526B2

Designated contracting state (EPC)

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EP 1057901 A2 20001206; **EP 1057901 A3 20020206**; JP 2001047298 A 20010220; US 2001002240 A1 20010531

DOCDB simple family (application)

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