

Title (en)  
Press device

Title (de)  
Pressvorrichtung

Title (fr)  
Dispositif de pressage

Publication  
**EP 1063030 A2 20001227 (EN)**

Application  
**EP 99113861 A 19990715**

Priority  
JP 17923599 A 19990625

Abstract (en)  
It is a purpose of the present invention to provide a press device of low cost comprising a sliding cam base, a sliding cam that is guided by the sliding cam base and to which processing members such as a punch are attached, an energizing body provided between the sliding cam base and the sliding cam for energizing the sliding cam, and an operating cam abutted against the sliding cam for driving the sliding cam, wherein the sliding cam can be held by the sliding cam base to enable accurate press processing free of warps or rolling. For this purpose, it has been provided for a press device of low cost comprising a sliding cam base, a sliding cam that is guided by the sliding cam base and to which processing members such as a punch are attached, an energizing body provided between the sliding cam base and the sliding cam for energizing the sliding cam, and an operating cam abutted against the sliding cam for driving the sliding cam, wherein the press device is arranged in that the sliding cam is provided in a freely slidable manner between two guide posts of circular section suspended from the sliding cam base and separated from each other by a specified distance, and wherein one surface of the sliding cam base is formed as a V-shaped groove and a surface of the sliding cam opposing this surface of the sliding cam base is formed, at the operating cam thereof, with an angular guide portion abutting the V-shape groove. <IMAGE>

IPC 1-7  
**B21D 28/32**

IPC 8 full level  
**B21D 28/34** (2006.01); **B21D 5/01** (2006.01); **B21D 28/32** (2006.01); **B21D 37/08** (2006.01); **B30B 1/26** (2006.01)

CPC (source: EP)  
**B21D 28/32** (2013.01)

Cited by  
EP2197660B1; CN106270203A; CN104801596A; CN108856514A; CN106180425A; CN107262603A; CN107755524A; DE102006019793A1; IT201900018953A1; EP1250968A1; CN103639322A; CN104907409A; CN112893581A; CN104338838A; CN104707901A; WO2021120657A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1063030 A2 20001227**; **EP 1063030 A3 20030122**; JP 2001001046 A 20010109; JP 3072095 B1 20000731

DOCDB simple family (application)  
**EP 99113861 A 19990715**; JP 17923599 A 19990625