

Title (en)  
CUTTING INSERT

Title (de)  
SCHNEIDEINSATZ

Title (fr)  
PLAQUETTE DE COUPE

Publication  
**EP 0691897 A1 19960117 (DE)**

Application  
**EP 94908975 A 19940311**

Priority  
• DE 9400274 W 19940311  
• DE 4310131 A 19930329

Abstract (en)  
[origin: CA2159477A1] The invention concerns a cutting insert (10) with a negative face land (14) adjoining the cutting edges (11, 13), designed in particular for radial machining. In order to minimize the resulting overall cutting force, the width of the face land (14), relative to the effective cutting zone, is a maximum in at least one corner (12) of the cutting edge or in the region of a round feed-side cutting edge.

IPC 1-7  
**B23B 27/04**; **B23B 27/06**; **B23B 27/14**

IPC 8 full level  
**B23B 27/04** (2006.01); **B23B 27/06** (2006.01); **B23B 27/14** (2006.01)

CPC (source: EP KR)  
**B23B 27/04** (2013.01 - KR); **B23B 27/045** (2013.01 - EP); **B23B 27/065** (2013.01 - EP); **B23B 27/141** (2013.01 - EP);  
**B23B 2200/0461** (2013.01 - EP); **B23B 2200/083** (2013.01 - EP); **B23B 2200/321** (2013.01 - EP); **B23B 2200/323** (2013.01 - EP);  
**B23B 2200/3654** (2013.01 - EP); **B23B 2265/34** (2013.01 - EP); **B23B 2270/16** (2013.01 - EP)

Citation (search report)  
See references of WO 9422621A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL PT SE

DOCDB simple family (publication)  
**DE 4310131 A1 19941006**; CA 2159477 A1 19941013; EP 0691897 A1 19960117; JP H08508211 A 19960903; KR 960701718 A 19960328;  
WO 9422621 A1 19941013

DOCDB simple family (application)  
**DE 4310131 A 19930329**; CA 2159477 A 19940311; DE 9400274 W 19940311; EP 94908975 A 19940311; JP 52152194 A 19940311;  
KR 19950704202 A 19950929