The present invention relates to a punch for manufacturing metal beverage cans of a cemented carbide comprising a hard phase comprising WC and a binder phase the cemented carbide composition comprises, in wt-%, from 50 to less than 70 WC, from 15 to 30 TiC, and from 12 to 20 Co+Ni.
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

INV. C22C1/10 C22C29/08

ADD.

According to International Patent Classification (IPC) onto both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

C22C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practicable, search terms used)

EPO-Internal, CHEMABS Data, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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* Special categories of cited documents:

- **A** document defining the general state of the art which is not considered to be of particular relevance
- **E** earlier application or patent but published on or after the international filing date
- **L** document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- **O** document referring to an oral disclosure, use, exhibition or other means
- **P** document published prior to the international filing date but later than the priority date claimed

**Further documents are listed in the continuation of Box C.**

**See patent family annex.**

Date of the actual completion of the international search

1 March 2013

Date of mailing of the international search report

08/03/2013

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040
Fax. (+31-70) 340-3016

Authorized officer

Badcock, Gordon

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