

Title (en)

DUAL SIDED AND DUAL PROCESS BANDOLIER

Title (de)

DOPPELSEITIGER GURT FÜR DOPPELPROZESS

Title (fr)

BANDOULIÈRE À DEUX CÔTÉS ET À DEUX PROCESSUS

Publication

**EP 2240289 A1 20101020 (EN)**

Application

**EP 09701486 A 20090115**

Priority

- US 2009031033 W 20090115
- US 1153208 P 20080118
- US 13467108 A 20080606

Abstract (en)

[origin: US2009183628A1] A method of making bullets on a progressive die wherein the progressive dies acts on a work piece having an elongated body with blanks at each end. The work piece is supported by a bandolier which is also formed in the progressive die. The progressive die forms each blank into a bullet, effectively doubling the output of the progressive die relative to a progressive die that acts upon a work piece that supports, or is, a single blank.

IPC 8 full level

**B21K 21/06** (2006.01)

CPC (source: EP KR US)

**B21G 3/16** (2013.01 - EP US); **B21G 3/28** (2013.01 - EP US); **B21G 3/32** (2013.01 - EP US); **B21K 21/06** (2013.01 - KR); **B21K 27/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2009091849A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**US 2009183628 A1 20090723**; CN 101959628 A 20110126; CN 101959628 B 20160518; EP 2240289 A1 20101020; JP 2011509831 A 20110331; JP 2014000609 A 20140109; JP 5542693 B2 20140709; JP 5759522 B2 20150805; KR 101583390 B1 20160107; KR 20100129277 A 20101208; WO 2009091849 A1 20090723

DOCDB simple family (application)

**US 13467108 A 20080606**; CN 200980107418 A 20090115; EP 09701486 A 20090115; JP 2010543216 A 20090115; JP 2013178774 A 20130830; KR 20107018292 A 20090115; US 2009031033 W 20090115