

Title (en)  
TOOTH FOR AN EXCAVATOR BUCKET.

Title (de)  
ZAHN FÜR EINEN BAGGEREIMER

Title (fr)  
DENT POUR GODET DE PELLE MECANIQUE.

Publication  
**EP 1718809 B1 20081001 (EN)**

Application  
**EP 05702423 A 20050204**

Priority  
• IB 2005000277 W 20050204  
• IT UD20040021 A 20040210

Abstract (en)  
[origin: WO2005080695A1] Tooth (10) for a bucket (11) of excavators, or similar equipment, comprising a work element (13) able to be associated with a relative support element (12), wherein said support element (12) has a main body (14) by means of which it is able to be fixed to the bucket (11), and a front protrusion (15) able to be inserted in a mating cavity (16) made on the rear of the work element (13), in order to define a coupling condition between the work element (13) and the support element (12) wherein the latter are able to be reciprocally clamped by pin means (17). The work element (13) comprises at least an appendix (19) protruding from the rear with respect to said cavity (16) and able to couple with the main body (14) in correspondence with a mating recess (22) defining at least a relative upper edge (22a), in such a manner that, in this coupling condition, between the upper profile (19c) of the appendix (19) and the upper edge (22a) there is a slit (24); the pin means (17) are able to be inserted in a relative housing seating (20) made partly in said appendix (19) and partly in said main body (14).

IPC 8 full level  
**E02F 9/28** (2006.01)

CPC (source: EP US)  
**E02F 9/2825** (2013.01 - EP US); **E02F 9/2841** (2013.01 - EP US)

Cited by  
CN102308050A; EP3027812A4

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005080695 A1 20050901**; AT E409782 T1 20081015; DE 602005010051 D1 20081113; EP 1718809 A1 20061108;  
EP 1718809 B1 20081001; ES 2317185 T3 20090416; IT UD20040021 A1 20040510; PL 1718809 T3 20090430; US 2007256335 A1 20071108

DOCDB simple family (application)  
**IB 2005000277 W 20050204**; AT 05702423 T 20050204; DE 602005010051 T 20050204; EP 05702423 A 20050204; ES 05702423 T 20050204;  
IT UD20040021 A 20040210; PL 05702423 T 20050204; US 59783105 A 20050204