

Title (en)
Cutting edge for a work tool

Title (de)
Schneidkante für ein Arbeitswerkzeug

Title (fr)
Bord de coupe pour un outil de travail

Publication
EP 3045591 B1 20190619 (EN)

Application
EP 15000083 A 20150114

Priority
EP 15000083 A 20150114

Abstract (en)
[origin: EP3045591A1] A cutting edge member (204) for a work tool (200) configured to be detachably fastened to a base edge member (202) using a bolt (300) and a sleeve member (400) is provided. The cutting edge member (204) defines holes (230) that includes a lower portion (234) proximate to a bottom surface (217) of the cutting edge member (204) and an upper portion (232) distal to the bottom surface (217). The lower portion (234) receives a head (402) of the sleeve member (400) therein. The upper portion (232) partly receives an elongate portion (403) of the sleeve member (400) that extends into a corresponding hole (220) defined in the base edge member (202) and is in a threaded engagement with the bolt (300). A head (302) of the bolt (300) and a top surface (216) of the base edge member (202) are substantially flush and co-planar relative to each other.

IPC 8 full level
E02F 9/28 (2006.01); **B23P 11/00** (2006.01); **E01H 5/06** (2006.01); **E02F 3/815** (2006.01)

CPC (source: EP)
E01H 5/061 (2013.01); **E02F 3/8152** (2013.01); **E02F 9/2833** (2013.01); **E02F 9/2883** (2013.01)

Citation (examination)
• US 3638736 A 19720201 - HAHN FREDERICK C
• WO 2016022420 A1 20160211 - CATERPILLAR INC [US]
• US 2012260537 A1 20121018 - WINTER KENT [US], et al

Cited by
JP2019163611A; WO2020096750A1; US10914050B2; US11926989B2

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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