

Title (en)
Sickle blade

Title (de)
Sichelmesser

Title (fr)
Lame falciforme

Publication
EP 2529903 B1 20140806 (DE)

Application
EP 12170658 A 20120604

Priority
DE 102011103462 A 20110603

Abstract (en)
[origin: EP2529903A1] The knife (1) has a convex bent cutting edge (2) whose distance is increased from a rotational axis (10) in progression direction of a contact region of the knife to a cutting material. The cutting edge is provided with a spiral-shaped outer circumferential contour. A cutting surface of front side (8) of the knife is arranged at cutting angle of 33 degrees to a main plane. A groove is arranged on the front side and radial-inwardly displaceable with respect to the cutting surface. The groove is extended along entire peripheral length of the cutting edge.

IPC 8 full level
B26D 1/00 (2006.01); **B26D 1/547** (2006.01); **B26D 3/00** (2006.01); **B26D 7/26** (2006.01); **B26F 3/12** (2006.01); **B26D 1/14** (2006.01); **B26D 5/10** (2006.01)

CPC (source: EP)
B26D 1/0006 (2013.01); **B26D 1/14** (2013.01); **B26D 2001/0053** (2013.01); **B26D 2210/02** (2013.01)

Cited by
CN115433903A; CN105026121A; CN113059607A; WO2015059016A1; WO2020130092A1; JPWO2020130092A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

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