

Title (en)
CLAMPING SYSTEM FOR CLAMPING GRINDING WHEELS

Title (de)
SPANNSYSTEM ZUM SPANNEN VON SCHLEIFSCHEIBEN

Title (fr)
SYSTÈME DE SERRAGE DE MEULES

Publication
EP 4043147 A1 20220817 (EN)

Application
EP 22154294 A 20220131

Priority
IT 202100003296 A 20210215

Abstract (en)
A clamping device (30) for clamping grinding wheels on a driving spindle (11) of a working tool (10), which comprises:- a rear flange (31) intended to be fitted on the driving spindle (11) in a position proximal to the working tool (10), wherein the rear flange (31) is provided with a front face (312) with which a first damping element (33) is associated;- a front flange (32) intended to be fitted on the driving spindle (11) and provided with a rear face (322), facing the front face (312) of the rear flange (31), with which a second damping element (34) is associated;wherein the front face (312) of the rear flange (31) has a width larger than the rear face (322) of the front flange (32) and the first damping element (33) has a hardness lower than the second damping element (34).

IPC 8 full level
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Citation (search report)
• [X] US 4637170 A 19870120 - BLOCK ALECK [US]
• [X] GB 1505943 A 19780405 - EDENVALE ENG WORKS [ZA]
• [A] JP S59118376 A 19840709 - OKUMURA MASAMI

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

Designated extension state (EPC)
BA ME

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EP 4043147 A1 20220817; CA 3146953 A1 20220815; US 2022258306 A1 20220818

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