

Title (en)
LAPPING APPARATUS

Title (de)
LÄPPVORRICHTUNG

Title (fr)
APPAREIL DE RODAGE

Publication
EP 2260977 B1 20111123 (EN)

Application
EP 09007778 A 20090612

Priority
EP 09007778 A 20090612

Abstract (en)
[origin: EP2260977A1] The invention is to provide a method for making heated plane (34, 34', 42) of cooler (30, 30', 40) obtain better flatness and roughness. First, grinder (10) and fixture (20), with grinding plate (11), are provided. Then, the cooler (30, 30', 40) is arranged onto the fixture (20). Next, abrasive (132) is injected into the gap between the grinding plate (11) and the heated plane (34, 34', 42), making the fixture (20) press and clamp the cooler (30, 30', 40) in a way, such that the heated plane (34, 34', 42) of the cooler (30, 30', 40) contacts the abrasive (132) closely. Finally, the grinding plate (11) is rotated to make at least one grinding process to the heated plane (34, 34', 42), making the heated plane (34, 34', 42) obtain a surface with better roughness and flatness, further enhancing the contact tightness between the heated plane (34, 34', 42) and a heating element, and therefore promoting the thermally conductive efficiency between the cooler (30, 30', 40) and the heating element.

IPC 8 full level
B24B 37/04 (2012.01); **H05K 7/20** (2006.01)

CPC (source: EP)
B24B 37/042 (2013.01); **B24B 37/30** (2013.01)

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

DOCDB simple family (publication)
EP 2260977 A1 20101215; EP 2260977 B1 20111123; AT E534489 T1 20111215

DOCDB simple family (application)
EP 09007778 A 20090612; AT 09007778 T 20090612