

Title (en)

NOVEL GEL PRODUCING PAD AND IMPROVED METHOD FOR SURFACING AND POLISHING LENSES

Publication

**EP 0366051 B1 19930310 (EN)**

Application

**EP 89119666 A 19891024**

Priority

US 26283888 A 19881026

Abstract (en)

[origin: EP0366051A1] A surfacing pad (10) is produced by dispersing abrasive particles (17) in a flexible, water absorbent matrix (16) that is secured on a flexible, fabric substrate (14), which functions as a reservoir for a liquid. By applying to the pad (10) a small quantity of liquid sufficient to wet the matrix (16) and to saturate the substrate (14), it is possible by rubbing the surfaces of a workpiece and the wetted matrix (16) to create an abrasive surfacing gel between the workpiece and the pad (10) substrate, thus eliminating the need for directing a slurry or other liquid onto the workpiece during a surfacing operation.

IPC 1-7

**B24D 3/20**

IPC 8 full level

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CPC (source: EP)

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Cited by

KR100750759B1; US5368619A; US5470368A; US5496387A; USRE35709E; US7503834B2; US6638144B2; WO9413434A1; WO0183163A3; EP0438671B1; WO2022237200A1; EP1711311B2

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