

Title (en)  
INJECTION MOLDABLE PLASTIC LAPS

Publication  
**EP 0436315 A3 19911211 (EN)**

Application  
**EP 90313344 A 19901207**

Priority  
US 46037890 A 19900103

Abstract (en)  
[origin: EP0436315A2] A lap (10) used for the grinding, fining and polishing of glass and plastic lenses is constructed of a one-piece injection-molded reinforced polymer body (12). The front surface (14) of the lap is curved and adapted to receive an abrasive pad. The rear (12) of the lap has a skeletal rib structure (19) of projecting interconnected ribs (20). Polymers suitable for forming the lap include various crystalline polymers and copolymers having adequate chemical resistance, strength, rigidity and thermal resistance. <IMAGE>

IPC 1-7  
**B24B 13/005**

IPC 8 full level  
**B24B 13/01** (2006.01); **B24B 37/00** (2006.01)

CPC (source: EP)  
**B24B 13/01** (2013.01)

Citation (search report)

- [X] DE 2811446 A1 19781026 - AMERICAN OPTICAL CORP
- [X] US 4148160 A 19790410 - PRUNIER LOUIS J
- [A] US 4377057 A 19830322 - PINCHA PHILIP J
- [A] US 4382803 A 19830510 - ALLARD FREDERIC P
- [AD] DE 3712148 A1 19880609 - KASSNER KLAUS [DE]
- [A] EP 0286469 A1 19881012 - ESSILOR INT [FR]

Cited by  
US5779529A; WO9207688A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0436315 A2 19910710; EP 0436315 A3 19911211**; AU 641962 B2 19931007; AU 6801490 A 19910704; BR 9006670 A 19911001; CA 2033360 A1 19910704; CA 2033360 C 20011030; JP H04135153 A 19920508; ZA 918 B 19920826

DOCDB simple family (application)  
**EP 90313344 A 19901207**; AU 6801490 A 19901213; BR 9006670 A 19901228; CA 2033360 A 19901228; JP 41810090 A 19901228; ZA 918 A 19910102