

Title (en)  
THERMOFORMABLE OPHTHALMIC LENS

Title (de)  
THERMOFORMBARE OPHTHALMISCHE LINSE

Title (fr)  
LENTILLE OPHTHALMIQUE THERMOFORMABLE

Publication  
**EP 1216142 A1 20020626 (EN)**

Application  
**EP 00947389 A 20000714**

Priority  
• US 0019287 W 20000714  
• US 14444599 P 19990716

Abstract (en)  
[origin: WO0105578A1] A melt processable hydrogel block copolymer is made from hydrophilic and hydrophobic monomers and has sufficient internal association without crosslinking to provide a dimensionally stable hydrogel at temperatures up to at least about 60 DEG C. The polymer may be thermally processed into an ophthalmic device, and then hydrated into a hydrogel material. Optionally, the polymer may undergo treatment before, during or after hydration to form crosslinks.

IPC 1-7  
**B29D 11/00**; A61F 2/16; C08F 226/06; C08F 220/20; C08L 51/00; C08L 53/00; A45C 13/10

IPC 8 full level  
**G02C 7/04** (2006.01); **B29D 11/00** (2006.01); **C08F 8/00** (2006.01); **C08F 220/24** (2006.01); **C08F 220/38** (2006.01); **C08F 220/56** (2006.01); **C08F 290/14** (2006.01); **C08J 3/075** (2006.01); **G02B 1/04** (2006.01)

CPC (source: EP US)  
**B29D 11/00442** (2013.01 - EP); **C08F 220/56** (2013.01 - EP US); **G02B 1/043** (2013.01 - EP); **C08F 220/54** (2013.01 - EP)

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