

Title (en)
SOFT GAS PERMEABLE CONTACT LENS HAVING IMPROVED CLINICAL PERFORMANCE

Publication
EP 0443005 A4 19920219 (EN)

Application
EP 90913584 A 19900907

Priority
• US 40726189 A 19890914
• US 55115690 A 19900711
• CN 91101622 A 19910313

Abstract (en)
[origin: WO9104283A1] A hydrophilic soft gas permeable contact lens having substantially improved clinical performance by the provision of a sufficient higher proportion of hydroxy acrylic units to silicon units in the lens surface layer, as compared to that existing in the lens core, by the surface treatment of the lens, such as by reacting of the lens surface with polyols and base or acid or by radiation treatment of the base lens to graft, deposit or coat thereon hydroxy acrylic units.

IPC 1-7
C08F 30/08; **C08F 230/08**; **C08J 3/28**

IPC 8 full level
G02C 7/04 (2006.01); **C08F 20/26** (2006.01); **C08F 20/38** (2006.01); **C08F 20/52** (2006.01); **C08F 30/08** (2006.01); **C08F 220/28** (2006.01); **C08F 220/56** (2006.01); **C08F 230/08** (2006.01); **C08J 5/00** (2006.01); **C08J 7/04** (2006.01); **C08J 7/12** (2006.01); **C08J 7/18** (2006.01); **G02B 1/04** (2006.01)

CPC (source: EP KR)
C08F 30/08 (2013.01 - KR); **G02B 1/043** (2013.01 - EP)

Citation (search report)
• [A] GB 2097952 A 19821110 - TOYO CONTACT LENS CO LTD
• [A] EP 0068800 A2 19830105 - JAPAN SYNTHETIC RUBBER CO LTD [JP], et al
• [A] FR 2155553 A5 19730518 - CESKOSLOVENSKA AKADEMIE VED
• See references of WO 9104283A1

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

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