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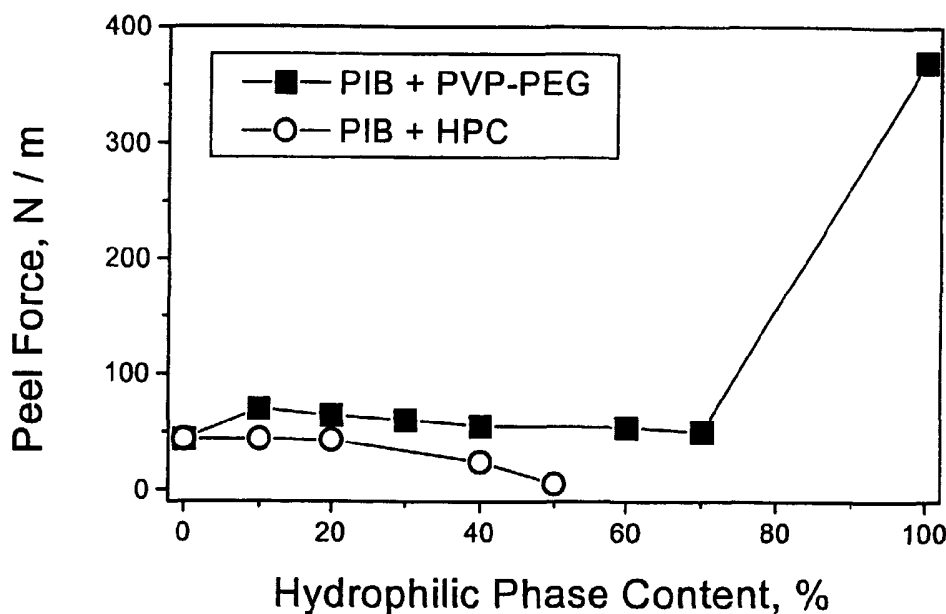
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(54) Title: TWO-PHASE, WATER-ABSORBENT BIOADHESIVE COMPOSITION



(57) Abstract: An adhesive composition is provided that contains both a hydrophobic phase and a hydrophilic phase, wherein the hydrophobic phase is composed of a crosslinked hydrophobic polymer composition and the hydrophilic phase is a water-absorbent blend of a hydrophilic polymer and a complementary oligomer capable of crosslinking the hydrophilic polymer through hydrogen bonding, ionic bonding, and/or covalent bonding. The composition is useful as a bioadhesive, for affixing drug delivery systems, wound dressings, bandages, cushions, or the like to a body surface such as skin or mucosal tissue.



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## B. FIELDS SEARCHED

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WPI Data, PAJ, BIOSIS, EPO-Internal, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 270 358 A (ASMUS ROBERT A) 14 December 1993 (1993-12-14) column 12, line 12 -column 15, line 6 claims ---	1-29
X	US 5 240 995 A (HAAK RONALD P ET AL) 31 August 1993 (1993-08-31) column 6, line 37 -column 7, line 4 claims ---	1-29
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A	US 6 162 456 A (DUNBAR DARTH ET AL) 19 December 2000 (2000-12-19) claims -----	1-29

☐ Further documents are listed in the continuation of box C.

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