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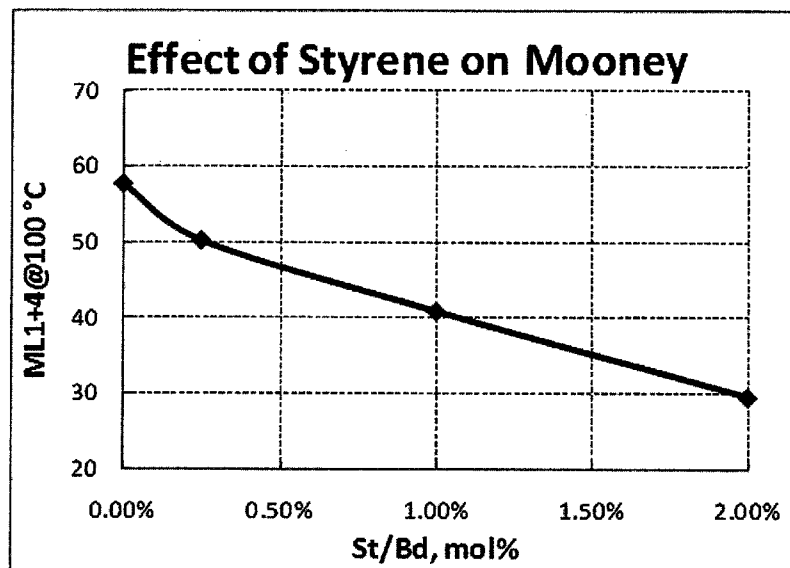
(54) **Title:** PROCESSES FOR THE PREPARATION OF HIGH-CIS POLYDIENES

Figure 1: Effect of varying amounts of styrene on Mooney viscosity.

FIG 1

(57) **Abstract:** The present disclosure is directed towards a solution or bulk polymerization process for preparing high-cis polydienes that utilizes at least one vinyl aromatic compound as a molecular weight regulator. The disclosed solution or bulk polymerization processes are useful for preparing high-cis polydienes with a Mooney viscosity between 30 and 55 while allowing the use of lower amounts of catalyst.