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(54) Title: METHOD OF ELIMINATING DEFECTS WHILE EXTRUSION COATING FILM USING SPEED CONTROL OF THE NIP ROLL

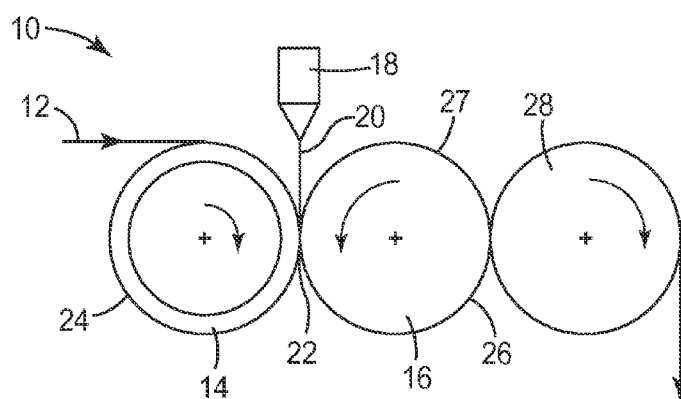


FIG. 1

(57) Abstract: It has now been determined that an internal optical defect can be eliminated by controlling the relative speed mismatch between the resilient roll and the casting roll in a film extrusion coating process. In particular, slowing down the surface speed of the resilient roll relative to the casting roll when coating a biaxially orientated film was found to remove the optical defect. Conversely, speeding up the surface speed of the resilient roll relative to the casting roll when coating a uniaxially orientated film was found to remove the optical defect.

