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912 O.G. 400

T912,003

EXTRUSION OF RESINS

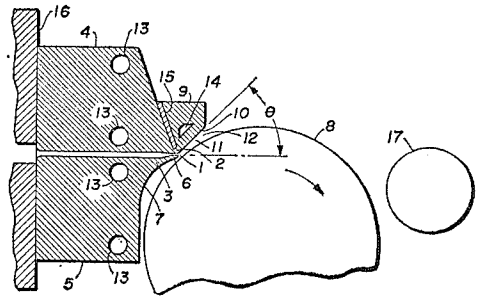
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1 Sheet Drawing. 25 Pages Specification



A sheet of foamed thermoplastic synthetic resin is made by extruding a foamable thermoplastic synthetic resin through a slit die. The die comprises an exit zone defined by a pair of opposing surfaces. One of the surfaces moves in the direction of the extrusion and is convex in that direction. The other surface is planar. Foaming of the resin occurs as it moves through the exit zone. The relative spacing of the surfaces is such that they contact the expanding and foaming resin and a foamed resin sheet is produced.

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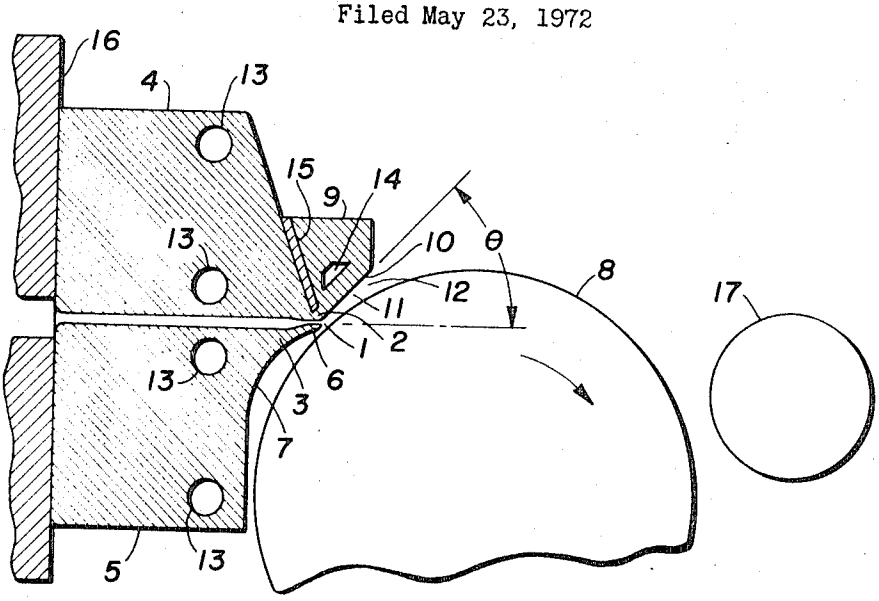


FIG. 1.

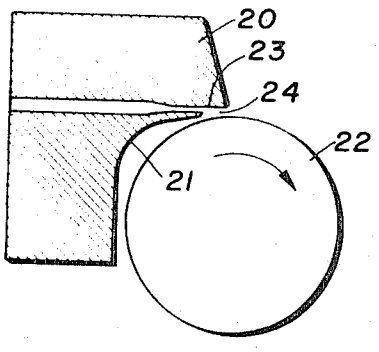


FIG. 2.

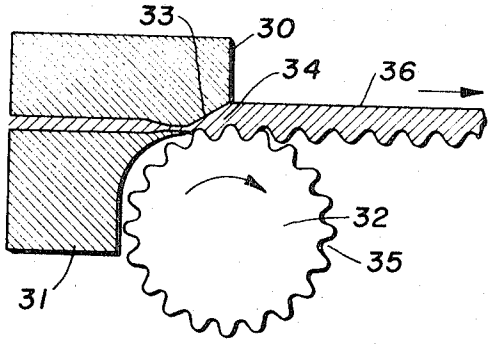


FIG. 3.