

- [54] **ARTIFICIAL FOOT WITH ANKLE JOINT**
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- [56] **References Cited**
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[57] **ABSTRACT**
 An artificial foot and ankle joint including a foot part having a plastic impregnated upper surface portion, an ankle part having a lower plastic impregnated articulation surface and a bifurcated joint connecting the two. The bifurcated joint has a lower part which contains an articulation axis and is connected into the foot part through the plastic impregnated surface portion of the foot part. The bifurcated joint also has an upper part generally U-shaped in cross-section which contacts the articulation axis from below. The upper part of the bifurcated joint is connected to the ankle part through the plastic impregnated recessed articulation surface of the ankle part. An elastic articulator is provided between the ankle part and the foot part and has a central opening for receiving the lower part of the bifurcated joint. The articulator has only a front dorsal projection and side rotation surfaces for cooperation with the plastic impregnated articulation surface of the ankle part. A separate exchangeable resilient member is provided between the ankle part and the foot part and behind the articulator for dorsal plantar flexion.

2 Claims, 3 Drawing Figures

