

Title (en)  
LIGHTWEIGHT RUBBER HOISING

Title (de)  
LEICHTGEWICHTIGER GUMMISCHLAUCH

Title (fr)  
TUYAU EN CAOUTCHOUC LEGER

Publication  
**EP 0803038 A1 19971029 (EN)**

Application  
**EP 95936165 A 19951020**

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• SE 9403600 A 19941021

Abstract (en)  
[origin: WO9612909A1] There is provided lightweight rubber hosing which finds particular use as a suction hose in milking machines. The hosing comprises two mutually concentric rubber layers and an intermediate reinforcement layer and can be bent or curved through 180 DEG with a bend diameter that corresponds essentially to the inner diameter of the hose while retaining the function of the hose as a channel for flowing fluid. The reinforcement layer embraces the inner rubber layer at least substantially completely and is comprised of a thermoplastic net structure in which the meshes have an obliquely angled checkered configuration, the net structure being in one continuous piece. The two rubber layers are in close contact with the reinforcement layer without being joined thereto, but are joined to one another through the mesh openings of the net structure. The invention also relates to a method of producing the rubber hosing.

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