

Title (en)
Glass yarns network and reinforced composite materials with this network

Title (de)
Glasfädennetz und verstärkte Verbundwerkstoff mit diesem Netz

Title (fr)
Réseau de fils de verre et matériau composite renforcé par ledit réseau

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Application
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Priority
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Abstract (en)
[origin: EP0659923A1] The present invention relates to a network of parallel glass yarns intended to serve as a reinforcement for an organic substance and to the composite material resulting from this. This network consists of a multiplicity of continuous glass yarns arranged in parallel in the form of a plane web, the said yarns being connected to one another by means of yarns arranged transversely to the said web by a binding method known as chain stitch, the glass yarns being partially fixed to one another by means of a thermoplastic organic binder, and the binding yarns having a modulus of elasticity lower than that of the glass yarns and a melting or softening temperature higher than the melting or softening temperature of the binder. The invention is used for producing articles subjected to mechanical forces. <IMAGE>

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