

Title (en)

HOSE, SPECIFICALLY FOR REFRIGERANT APPLICATIONS

Title (de)

SCHLAUCH, IM SPEZIELLEN FÜR KÄLTEMITTELANWENDUNGEN

Title (fr)

TUYAU, EN PARTICULIER POUR DES APPLICATIONS DE FLUIDE FRIGORIFIQUE

Publication

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Application

EP 20771499 A 20200904

Priority

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- EP 2020074821 W 20200904

Abstract (en)

[origin: WO2021073804A1] The invention relates to a hose, which comprises at least the following layers in the sequence given: an innermost layer (A4), which is made up of thermoplastic material or thermoplastic elastomer material; an inner layer (A5), which is applied to the innermost layer (A4) and is made up of elastomer material; at least one reinforcing-element layer (B, B1, B2), wherein the reinforcing element is arranged at an angle less than the neutral angle of 54.7°, and possibly an outer layer (C), which is made up of polymer material. The hose is suitable in particular as a pressure-carrier hose for refrigerant lines, in particular for CO₂, for use as a pressure carrier of corrugated pipes.

IPC 8 full level

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