Title (en)

HOT MELT ADHESIVE WITHSTANDING MOTOR VEHICLE FLUIDS

Title (de)

GEGENÜBER KRAFTFAHRZEUGFLÜSSIGKEITEN BESTÄNDIGER SCHMELZKLEBSTOFF

Title (fr)

ADHÉSIF THERMOFUSIBLE RÉSISTANT AUX FLUIDES AUTOMOBILES

Publication

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Application

EP 21732383 A 20210416

Priority

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- FR 2021050680 W 20210416

Abstract (en)

[origin: WO2021209730A2] The invention relates to a semi-crystalline copolyamide comprising at least two units corresponding to the following formula: X/Y where - the X unit is a crystalline unit obtained by polycondensation of a unit selected from a C5-C12 alpha,omega-aminocarboxylic acid, a C6-C12 lactam and a (Ca diamine).(Cb diacid) unit, where a is the number of carbon atoms of the diamine and b is the carbon number of the diacid, a and b being greater than or equal to 4; - the Y unit is a unit obtained by the polycondensation of a (Cd diamine).(Ce diacid) unit, where d is the number of carbon atoms of the diamine and e is the carbon number of the diacid, d and e being between 24 and 48, the Cd diamine and the Ce diacid being linear or branched, saturated or unsaturated aliphatics; - the copolyamide not comprising ethylenediamine; - the copolyamide comprising from 30 to 99.5 mol % of unit X and from 0.5 to 70 mol % of unit Y; - the copolyamide having a viscosity in the molten state, measured according to standard ASTM D3236-88 (2009), of between 0.5 and 100 Pa.s at 200° C; - the copolyamide having a Tg below 0°C. The invention also relates to a method for preparing same and to the use thereof.

IPC 8 full level

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CPC (source: EP)

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