

Title (en)
HMPSA CROSSLINKABLE UNDER UV IRRADIATION

Title (de)
UNTER UV-BESTRAHLUNG VERNETZBARES HMPSA

Title (fr)
HMPSA RETICULABLE SOUS IRRADIATION UV

Publication
EP 3997185 A1 20220518 (FR)

Application
EP 20750317 A 20200706

Priority
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• FR 2020051197 W 20200706

Abstract (en)
[origin: WO2021005299A1] 1) A UV cross-linkable HMPSA composition comprising: - 10-24% by weight of a block copolymer which comprises a styrene block and a polybutadiene block comprising at least 25% by weight of the 1,2-vinyl unit; - 43-65% by weight of a tackifying resin obtained by polymerisation and subsequently total or partial hydrogenation of a C9 cut, having a softening point of 80-150 °C; - 10-25% by weight of a petroleum hydrocarbon oil; and - a suitable content of a photoinitiator (D). 2) A self-adhesive article comprising a backing layer (b) coated with a self-adhesive layer (a) consisting of the HMPSA composition in the cross-linked state. 3) A method for manufacturing the article 2), comprising: - preheating the HMPSA composition to a temperature of 70-80 °C; - applying the HMPSA composition, by coating, to a bearing surface; cross-linking the HMPSA composition by UV irradiation to form the layer of cross-linked adhesive composition (a); and subsequently - laminating or transferring the layer (a) onto a backing layer or an anti-adhesive protective film.

IPC 8 full level
C09J 7/38 (2018.01); **C09J 153/02** (2006.01)

CPC (source: CN EP KR US)
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C-Set (source: CN)
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See references of WO 2021005299A1

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