Title (en)

FILM STRUCTURE SUITABLE FOR RAPID LAMINATION

Title (de)

FOLIENAUFBAU GEEIGNET ZUR SCHNELLEN LAMINATION

Title (fr)

STRUCTURE DE FILM APPROPRIÉE POUR UNE STRATIFICATION RAPIDE

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Application

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Abstract (en)

[origin: WO2023285358A1] The invention relates to a multi-layer structure (MA) comprising: (S1) at least one first outer layer (S1) containing a polymer (P1) having a Vicat softening temperature ≥ 149°C, preferably ≥ 160°C, further preferably ≥ 170°C, more preferably ≥ 180°C, determined according to ISO 306:2004 (50N; 50°/h); (S2) at least one further polymer layer (S2) containing a polymer (P2) having a Vicat softening temperature < 149°C, preferably ≤ 140°C, more preferably ≤ 130°C, determined according to ISO 306:2004 (50N; 50°/h), preferably in a range from 120 to 148°C; (S3) at least one core layer (S3); (S4) at least one further polymer layer (S4) containing a polymer (P2) having a Vicat softening temperature < 149°C, preferably ≤ 140°C, more preferably ≤ 130°C, determined according to ISO 306:2004 (50N; 50°/h), preferably in a range of 120 to 148°C; (S5) at least one second outer layer (S5) containing a polymer (P1) having a Vicat softening temperature ≥ 149°C, preferably ≥ 160°C, further preferably ≥ 170°C, more preferably ≥ 180°C, determined according to ISO 306:2004 (50N; 50°/h). The invention also relates to a method for manufacturing such a multi-layer structure and to a security document containing same.

IPC 8 full level

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