

Title (en)
Non-woven webs of synthetic fibres consolidated by means of carboxylated styrene-butadiene latices, and disposable articles made therefrom.

Title (de)
Mittels carboxylierter Styrol-Butadien-Latizes verfestigte, aus synthetischen Fasern bestehende, nichtgewobene Stoffbahnen, und daraus hergestellte Wegwerfartikel.

Title (fr)
Etoffes non tissées en fibres synthétiques, consolidées par des latex de styrène-butadiène carboxylés, et articles jetables qui en sont faits.

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Application
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Priority
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Abstract (en)
A non-woven web of synthetic fibre(s) is characterized by consolidating (optionally impregnating) the web (optionally a dry web) with a binder (optionally a sole binder) substantially comprising a polymer or a latex, provided by polymerizing: from about 42 to about 68 parts by weight of a monoaromatic vinyl or vinylidene monomer which may be unsubstituted or substituted by a C1-4 alkyl radical, or a chlorine or bromine atom; from about 30 to about 58 parts by weight of a C4-8 conjugated diolefin (preferably a C4-6 conjugated diolefin); and from about 0.5 to about 8.0 parts by weight of a C3-6 ethylenically unsaturated monocarboxylic acid. The resultant web can have improved tensile strength in a cross machine direction.

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D04H 1/64

IPC 8 full level
D04H 1/435 (2012.01); **D04H 1/587** (2012.01); **D04H 1/64** (2006.01); **D04H 1/645** (2012.01)

CPC (source: EP)
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