

ABSTRACT

Security and/or Valuable Documents With a Top Layer With a Scratch-resistant Finish

The invention relates to a security and/or valuable document containing a scratch-resistant coating obtained from a lacquer composition comprising

- 5 I) from 12 to 70 parts by wt. of a C₂-C₁₂-diol diacrylate or C₂-C₁₂-diol dimethacrylate,
- II) from 12 to 40 parts by wt. of an alkoxyated mono-, di-, tri-, tetra-, penta- or hexaacrylate or alkoxyated mono-, di-, tri-, tetra-, penta- or hexamethacrylate,
- 10 III) from 0 to 40 parts by wt. of a monomer selected from the group consisting of pentaerythritol triacrylate, pentaerythritol tetraacrylate, dipentaerythritol tetraacrylate, dipentaerythritol pentaacrylate, dipentaerythritol hexaacrylate, pentaerythritol trimethacrylate, pentaerythritol tetramethacrylate, dipentaerythritol tetramethacrylate, dipentaerythritol pentamethacrylate, dipentaerythritol hexamethacrylate, reaction products thereof with aliphatic or aromatic diisocyanates, and mixtures thereof,
- 15 IV) from 5 to 60 parts by wt. of a further mono-, di- or triacrylate or mono-, di- or trimethacrylate,
- and further comprises
- V) from 0.1 to 10 parts by wt. of a photoinitiator.

No suitable figures