

Title (en)

Process for manufacturing colored thermoplastic pieces having a metallic look finish

Title (de)

Verfahren zur Herstellung von farbigen thermoplastischen Kunststoffformteilen mit metallischem Aussehen

Title (fr)

Procédé de fabrication de pièces de couleur en matière thermoplastique d'aspect et de finition métallisée

Publication

**EP 0764474 B1 20020424 (FR)**

Application

**EP 96402008 A 19960923**

Priority

FR 9511216 A 19950925

Abstract (en)

[origin: EP0764474A1] The process for making a coloured thermoplastic part with the look of a metallic finish comprises injection moulding the part in coloured thermoplastic then applying to it a protection varnish incorporating flakes of mother of pearl. Pref. the varnish is polyurethane based containing about 2 wt.% of mother-of-pearl flakes of 50-150 micrometer size. The coloured thermoplastic is polypropylene containing 20% coloured talc with the following pigment loadings: 0.25-0.35% white 6; 0.02-0.05% blue 29; 0.4-0.9% yellow 53; 0.01-0.06% black 7.

IPC 1-7

**B05D 5/06**; **B44F 9/08**

IPC 8 full level

**B05D 5/06** (2006.01); **B44F 9/08** (2006.01)

CPC (source: EP)

**B05D 5/065** (2013.01); **B05D 5/067** (2013.01); **B44F 9/08** (2013.01)

Cited by

FR2767075A1; EP1467540A1; FR2853789A1; EP1640134A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**EP 0764474 A1 19970326**; **EP 0764474 B1 20020424**; DE 69620840 D1 20020529; DE 69620840 T2 20021107; ES 2174040 T3 20021101; FR 2739040 A1 19970328; FR 2739040 B1 19971219

DOCDB simple family (application)

**EP 96402008 A 19960923**; DE 69620840 T 19960923; ES 96402008 T 19960923; FR 9511216 A 19950925