

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B05 SPRAYING OR ATOMISING IN GENERAL; APPLYING LIQUIDS OR OTHER FLUENT MATERIALS TO SURFACES, IN GENERAL

B05D PROCESSES FOR APPLYING LIQUIDS OR OTHER FLUENT MATERIALS TO SURFACES, IN GENERAL (conveying articles or workpieces through baths of liquid B65G, e.g. B65G 49/02) [2]

Note(s)

- This subclass covers:
 - processes for applying liquids or other fluent materials to a surface or part of a surface, in general, by any mechanical or physical method and particularly processes producing a uniform distribution of liquids or other fluent materials on a surface;
 - pretreatment of surfaces to which liquids or other fluent materials are to be applied;
 - after-treatment of applied coatings.
- Attention is drawn to the Note following the title of class B05.

Subclass index

PROCESSES CHARACTERISED BY

means used.....	1/00
special result obtained.....	5/00
surfaces to be treated.....	7/00
PRETREATMENT OF SURFACES; AFTER-TREATMENT OF COATINGS.....	3/00

1/00 Processes for applying liquids or other fluent materials (B05D 5/00, B05D 7/00 take precedence) [2]	3/00 Pretreatment of surfaces to which liquids or other fluent materials are to be applied; After-treatment of applied coatings, e.g. intermediate treating of an applied coating preparatory to subsequent applications of liquids or other fluent materials [2]
1/02 • performed by spraying [2]	3/02 • by baking [2]
1/04 • • involving the use of an electrostatic field [2]	3/04 • by exposure to gases [2]
1/06 • • • Applying particulate materials [2]	3/06 • by exposure to radiation (B05D 3/02 takes precedence) [2]
1/08 • • Flame spraying [2]	3/08 • by flames [2]
1/10 • • • Applying particulate materials [2]	3/10 • by other chemical means [2]
1/12 • • Applying particulate materials (B05D 1/06, B05D 1/10 take precedence) [2]	3/12 • by mechanical means [2]
1/14 • • • Flocking [2]	3/14 • by electrical means [2]
1/16 • Flocking otherwise than by spraying [2]	5/00 Processes for applying liquids or other fluent materials to surfaces to obtain special surface effects, finishes or structures [2]
1/18 • performed by dipping [2]	5/02 • to obtain a matt or rough surface [2]
1/20 • • substances to be applied floating on a fluid [2]	5/04 • to obtain a surface receptive to ink or other liquid (B05D 5/02 takes precedence) [2]
1/22 • • using fluidised-bed technique [2]	5/06 • to obtain multicolour or other optical effects (B05D 5/02 takes precedence) [2]
1/24 • • • Applying particulate materials [2]	5/08 • to obtain an anti-friction or anti-adhesive surface [2]
1/26 • performed by applying the liquid or other fluent material from an outlet device in contact with, or almost in contact with, the surface [2]	5/10 • to obtain an adhesive surface [2]
1/28 • performed by transfer from the surfaces of elements carrying the liquid or other fluent material, e.g. brushes, pads, rollers [2]	5/12 • to obtain a coating with specific electrical properties [2]
1/30 • performed by gravity only, i.e. flow coating [2]	7/00 Processes, other than flocking, specially adapted for applying liquids or other fluent materials to particular surfaces or for applying particular liquids or other fluent materials [2]
1/32 • using means for protecting parts of a surface not to be coated, e.g. using stencils, resists [2]	7/02 • to macromolecular substances, e.g. rubber [2]
1/34 • Applying different liquids or other fluent materials simultaneously [2]	7/04 • • to surfaces of films or sheets [2]
1/36 • Successively applying liquids or other fluent materials, e.g. without intermediate treatment [2]	
1/38 • • with intermediate treatment [2]	
1/40 • Distributing applied liquids or other fluent materials by members moving relatively to surface [2]	
1/42 • • by non-rotary members [2]	

B05D

- 7/06 • to wood [2]
- 7/08 • • using synthetic lacquers or varnishes [2]
- 7/10 • • • based on cellulose derivatives [2]
- 7/12 • to leather [2]
- 7/14 • to metal, e.g. car bodies [2]
- 7/16 • • using synthetic lacquers or varnishes [2]
- 7/18 • • • based on cellulose derivatives [2]
- 7/20 • to wires [2]
- 7/22 • to internal surfaces, e.g. of tubes [2]
- 7/24 • for applying particular liquids or other fluent materials [2]
- 7/26 • • synthetic lacquers or varnishes (B05D 7/08, B05D 7/16 take precedence) [2]