Title (en)
A silk-screen decorating machine

Title (de)
Siebdruckmaschine zum Dekorieren

Title (fr)
Machine d'impression sérigraphique de décoration

Publication
EP 1040920 A1 20001004 (EN)

Application
EP 99830145 A 19990317

Priority
EP 99830145 A 19990317

Abstract (en)
The silk screen decorating machine comprises: a belt-shaped flexible silk screen (1) ring-wound and stretched between two parallel-axis rotors (2, 3) by at least one of which the screen (1) is drawn; means for spreading a decorating fluid and causing the fluid to pass through the screen (1). The parallel-axis rotors (2, 3) are arranged projectingly above a mobile plane (21) for conveying tiles (22) and are constituted by pairs of wheels (4, 5), on which the screen (1) partially windingly couples. The wheels (4, 5) are mounted on respective shafts (6, 7), which shafts (6, 7) are each constituted by a first segment (8) and a second segment (9) which are coaxial, solid in rotation and axially displaceable one with respect to another. The wheels of each pair of wheels are mounted solidly, one of each pair on a first segment (8) and one of each pair on a second segment (9). Also provided are means for interacting on command with free ends of the shafts (6 and 7) so as to position the shafts (6 and 7) at a predetermined reciprocal distance. <IMAGE>

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B41F 15/08

IPC 8 full level
B41F 15/08 (2006.01)

CPC (source: EP)
B41F 15/0809 (2013.01); **B41F 15/0836** (2013.01); B41P 2215/12 (2013.01)

Citation (applicant)
IT 1287622 A

Citation (search report)
- [A] US 3835773 A 19740917 - VASILANTONE M
- [A] US 3102469 A 19630903 - SHERMAN MAURICE H
- [A] US 3598049 A 19710810 - DIAS MADIANE GILBERT DE SOUZA

Cited by
CN101944574A; EP1825978A3; EP1266757A3; EP1825978A2; WO2004069559A3

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