

Title (en)

Satin finishing system with flap wheels for shaped tubes

Title (de)

Seidenglänzend Nachbearbeitungsvorrichtung mit Lamellen-Schleifscheiben für geformte Röhren

Title (fr)

Dispositif de finition satinée au moyen de disques à lamelles pour tubes profilés

Publication

EP 1625914 A3 20060607 (EN)

Application

EP 05017257 A 20050809

Priority

IT MI20041641 A 20040810

Abstract (en)

[origin: EP1625914A2] A satin finishing system with flap wheels for shaped tubes is described which comprises at least one satin finishing station (4) equipped with flap wheels (5) with a vertical axis, at least one satin finishing station (6) equipped with flap wheels (7) with a horizontal axis, means designed to rotate the flap wheels (5, 7), feed means (8) designed to make the tube (3) slide longitudinally through said stations (4, 6) and means (9) designed to move the tube (3) transversally to its direction of travel. The system preferably comprises a plurality of stations (4, 6) equipped with flap wheels (5, 7) with a vertical and horizontal axis, each station (4, 6) allowing a different degree of finishing of the tube being processed. To compensate for wear on the flap wheels (5, 7) and keep their peripheral speed constant, the speed of rotation of the flap wheels (5, 7) is advantageously increased.

IPC 8 full level

B24B 29/06 (2006.01)

CPC (source: EP)

B24B 29/06 (2013.01)

Citation (search report)

- [A] EP 1350600 A1 20031008 - OLIMPIA 80 SRL [IT]
- [A] US 5901400 A 19990511 - FULOP ROBERT J [US]
- [A] US 6016626 A 20000125 - AUER PETER [DE], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 331 (M - 1626) 23 June 1994 (1994-06-23)

Cited by

EP2078588A3; ES2323828A1

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