

Title (en)

Method and apparatus for dyeing a textile fabric by the cold pad-batch process

Title (de)

Verfahren und Anlage zum Färben einer textilen Warenbahn nach dem Kalt-Klotz-Verweilverfahren

Title (fr)

Procédé et appareil pour la teinture d' une étoffe textile selon le procédé de foulardage avec séjour à froid

Publication

EP 0936296 A3 20000614 (DE)

Application

EP 99101184 A 19990122

Priority

DE 19805840 A 19980213

Abstract (en)

[origin: DE19805840C1] For dyeing fabric piece goods, after winding the wet and dyed material (10) into a roll. The final layer of the batch (12) is covered by at least one winding (21) of a plastics film web (20) by the same winding apparatus (6), to shroud the batch (12). The leading end of the winding (21) is bonded tightly to the film web (20), by welding, and separated from the following film web material (20). In an Independent claim an assembly has a supply roll (15) of plastics film (20) at the fabric winder (6), which draws a winding (21) of the film (20) round the wound fabric batch (12). Units weld the end of the film and cut the wound film length. Preferred Features: The film supply roll (15) is near the pressure roller (13) at the winder arms (8). The end of the film (20) is fed through the winding gap (16) in a winding (21) round the batch (12). A welding beam (17) bonds the film end, at the ends of swing arms (18) which pivot on the winding arms (8). A cutter is at the swing arms (18) to sever the film after welding.

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D06B 17/04

IPC 8 full level

D06B 17/04 (2006.01)

CPC (source: EP US)

D06B 17/04 (2013.01 - EP US)

Citation (search report)

- [A] GB 1369671 A 19741009 - COTTON INC
- [DA] DE 4408416 A1 19950914 - KUESTERS EDUARD MASCHF [DE]
- [A] G. DIERKES: "Neuartiges Kalt-Klotz-Baum-Färbeverfahren für Baumwolle", CHEMIEFASERN/TEXTILINDUSTRIE, vol. 33/85, May 1983 (1983-05-01), Frankfurt am Main, DE, pages 322, XP002135374

Cited by

CN110725011A; CN110219117A

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