

Title (en)

Device for moistening a continuous textile material

Title (de)

Vorrichtung zum Befeuchten eines kontinuierlichen Textilmaterial

Title (fr)

Dispositif pour l'humectage d'une matière textile continue

Publication

EP 1245710 A3 20040616 (EN)

Application

EP 02076076 A 20020318

Priority

IT MI20010647 A 20010327

Abstract (en)

[origin: EP1245710A2] A device (1) for moistening a continuous textile material (2) comprises a distribution roller (6) capable of rotating, immersed, at least partially, in a prechosen liquid (4) and an application roller (8) capable of rotating, driven by said textile material (2) and adjacent to the distribution roller (6); the distribution roller (6) has a cylindrical wall (7) provided with a spongy and yielding external layer (7a) able to absorb the liquid and the application roller (8) has a substantially non-absorbent cylindrical wall (88) around which the textile material (2) is wound; the wall (88) of the application roller (8) supporting the textile material (2) is able to engage with and compress a prechosen first portion (77) of the external layer (7a) of the distribution roller (6) so as to impregnate the textile material (2) with the liquid (4) and thus moisten it. <IMAGE>

IPC 1-7

D06B 1/14; B05C 1/08

IPC 8 full level

D06B 1/14 (2006.01)

CPC (source: EP)

D06B 1/142 (2013.01)

Citation (search report)

- [X] US 3066046 A 19621127 - WALTON RICHARD R
- [X] US 581056 A 18970420
- [X] US 5303440 A 19940419 - ZIMMER JOHANNES [AT]
- [X] US 2531036 A 19501121 - GOETTSCHE WALTER J
- [A] US 3561401 A 19710209 - FORD FRANK P, et al
- [A] GB 1143885 A

Cited by

EP1428923A1; CN112981765A; CN111348490A; CN114918090A; CN108505291A; WO2022217383A1

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