

Title (en)
PROCESS FOR THE TREATMENT OF SKINS, LEATHERS OR COLLAGEN-CONTAINING SHEET MATERIALS USING A PRESSURIZED DENSE FLUID

Title (de)
VERFAHREN ZUR DRUCKBEHANDLUNG VON HAEUTEN, LEDERN ODER BLATTFOERMIGEN, KOLLAGENHALTIGEN MATERIALIEN MIT EINEM DICHTEM FLUID

Title (fr)
PROCEDE DE TRAITEMENT DE PEAUX, DE CUIRS, OU DE MATERIAUX EN FEUILLES CONTENANT DU COLLAGENE, PAR UN FLUIDE DENSE SOUS PRESSION

Publication
EP 0615550 B1 19970611 (FR)

Application
EP 93921975 A 19931001

Priority

- FR 9211703 A 19921002
- FR 9300960 W 19931001

Abstract (en)
[origin: US5512058A] PCT No. PCT/FR93/00960 Sec. 371 Date Jun. 2, 1994 Sec. 102(e) Date Jun. 2, 1994 PCT Filed Oct. 1, 1993 PCT Pub. No. WO94/08054 PCT Pub. Date Apr. 14, 1994. A process for the treatment of products constituted by hides and skins with a view towards their transformation into leather, and for the treatment of leather which involves contacting the product with a dense, pressurized fluid, such as CO₂, in the supercritical state or pressurized liquid, which optionally contains one or more active substances and a specified pressure P_i and temperature T_i, in order to provide degreasing of the skins if pure dense fluid is used, or to impregnate the products with active substances such as tanning, stiffening, dyeing or waterproofing agents. The products are subsequently brought to atmospheric pressure to eliminate the dense fluid therefrom.

IPC 1-7
C14C 1/08; **C14C 3/00**; **C14C 9/00**; **D06P 3/32**; **D06P 5/20**

IPC 8 full level
C14C 1/08 (2006.01); **C14C 3/00** (2006.01); **C14C 9/00** (2006.01); **D06L 1/00** (2017.01); **D06M 23/10** (2006.01); **D06P 1/52** (2006.01); **D06P 1/647** (2006.01); **D06P 1/673** (2006.01); **D06P 1/94** (2006.01); **D06P 3/32** (2006.01); **D06P 3/34** (2006.01)

CPC (source: EP US)
C14C 1/08 (2013.01 - EP US); **C14C 3/00** (2013.01 - EP US); **C14C 9/00** (2013.01 - EP US); **D06L 1/00** (2013.01 - EP US); **D06M 23/105** (2013.01 - EP US); **D06P 1/5292** (2013.01 - EP US); **D06P 1/647** (2013.01 - EP US); **D06P 1/67341** (2013.01 - EP US); **D06P 1/67366** (2013.01 - EP US); **D06P 1/94** (2013.01 - EP US); **D06P 3/3206** (2013.01 - EP US); **D06P 3/3213** (2013.01 - EP US); **D06P 3/322** (2013.01 - EP US); **D06P 3/3226** (2013.01 - EP US); **D06P 3/3233** (2013.01 - EP US); **D06P 3/343** (2013.01 - EP US)

Designated contracting state (EPC)
AT DE ES FR GB GR IT PT

DOCDB simple family (publication)
US 5512058 A 19960430; AT E154397 T1 19970615; CA 2124354 A1 19940414; DE 69311532 D1 19970717; EP 0615550 A1 19940921; EP 0615550 B1 19970611; ES 2105323 T3 19971016; FR 2696477 A1 19940408; FR 2696477 B1 19941118; GR 3024556 T3 19971231; WO 9408054 A1 19940414

DOCDB simple family (application)
US 24420694 A 19940602; AT 93921975 T 19931001; CA 2124354 A 19931001; DE 69311532 T 19931001; EP 93921975 A 19931001; ES 93921975 T 19931001; FR 9211703 A 19921002; FR 9300960 W 19931001; GR 970402195 T 19970827