

Title (en)  
Animal fibre processing.

Title (de)  
Behandlungsverfahren von tierischen Fasern.

Title (fr)  
Procédé de traitement des fibres animales.

Publication  
**EP 0534026 A1 19930331 (EN)**

Application  
**EP 91311366 A 19911206**

Priority  
AU PK852691 A 19910923

Abstract (en)  
The invention provides an apparatus for processing wool and a corresponding solvent process utilizing the apparatus. The apparatus includes an inlet (2) for the admission of raw (greasy) wool, and a first bowl (3) to which wool is first admitted. Wool in first bowl (3) is wet, as by solvent spray from nozzle (11) and falls into a solvent bath (13). An endless belt (5) transports wool through solvent bath (13) in bowl (3). A co-flow of solvent through nozzle (14) is utilized to ensure that wool disposed on belt (5) travels at the same speed as the belt (5). A pressurized spray from shower device (7) is directed to wool on belt (5) to cleanse same. Wool treated in first bowl (3) is carried on an elevated portion of belt (5) where it is subjected to a cascade of solvent from weir (8). Wool is carried out of bowl (3) into bowl (4) by falling from the upper extremity of belt (5) in the vicinity of roller (17). This wool is then carried by endless belt (6) for a second cleansing treatment. Co-flow of solvent is introduced into bowl (4) through nozzle (15). A shower of solvent is provided through shower device (9). Endless belt (6) has an elevated portion between rollers (18) and (19). Wool carried on this elevated portion of belt (6) is treated to a cascade of pure solvent from weir (10). Wool is carried from bowl (4) to a centrifuge for drying. <IMAGE>

IPC 1-7  
**D01B 3/04; D01B 3/10; D06B 3/02; D06B 9/00**

IPC 8 full level  
**D01B 3/08** (2006.01); **D01B 3/00** (2006.01); **D01B 3/04** (2006.01); **D01B 3/10** (2006.01); **D01C 3/00** (2006.01); **D06B 1/02** (2006.01); **D06B 3/02** (2006.01); **D06B 9/00** (2006.01)

CPC (source: EP KR)  
**D01B 3/04** (2013.01 - EP KR); **D01B 3/10** (2013.01 - EP); **D06B 3/02** (2013.01 - EP); **D06B 9/00** (2013.01 - EP)

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Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DOCDB simple family (publication)  
**EP 0534026 A1 19930331; EP 0534026 B1 19960710**; AR 247429 A1 19941229; AT E140273 T1 19960715; AU 639160 B2 19930715; AU 8887891 A 19930422; BR 9200218 A 19930413; CN 1040238 C 19981014; CN 1071208 A 19930421; DE 69120815 D1 19960814; DE 69120815 T2 19961107; DK 0534026 T3 19961111; ES 2089155 T3 19961001; GR 3021241 T3 19970131; JP H0657512 A 19940301; KR 100187315 B1 19990501; KR 930006188 A 19930421; LT 3476 B 19951127; LT IP641 A 19950227; LV 10511 A 19950220; LV 10511 B 19950620; NZ 240876 A 19930927; RU 2040602 C1 19950725; TW 228553 B 19940821; UA 26182 C2 19990607; ZA 919722 B 19921125

DOCDB simple family (application)  
**EP 91311366 A 19911206**; AR 32148791 A 19911220; AT 91311366 T 19911206; AU 8887891 A 19911205; BR 9200218 A 19920123; CN 92100153 A 19920111; DE 69120815 T 19911206; DK 91311366 T 19911206; ES 91311366 T 19911206; GR 960402590 T 19961003; JP 2427392 A 19920116; KR 910024211 A 19911224; LT IP641 A 19930612; LV 920553 A 19921229; NZ 24087691 A 19911205; SU 5010576 A 19920103; TW 81102591 A 19920406; UA 93002819 A 19930324; ZA 919722 A 19911210