

Title (en)  
SCREEN APRON

Title (de)  
SIEBRIEMCHEN

Title (fr)  
MANCHON PERFORÉ

Publication  
**EP 3978661 B1 20240410 (DE)**

Application  
**EP 21199023 A 20210927**

Priority  
DE 102020125521 A 20200930

Abstract (en)  
[origin: CN114318597A] A screening ring belt (10) for transporting a fiber aggregate (6) to be compressed above a suction slit (9) of a compression device (2) of a spinning machine. The screening ring belt has an annular perimeter. A plurality of adjacent longitudinal wires (15) are arranged in the circumferential direction (U) and a plurality of adjacent transverse wires (16) are arranged transversely to the circumferential direction (U). There are spaces (AL, AQ) between adjacent longitudinal wires (15) and between adjacent transverse wires (16), which spaces form free surfaces, so that the screening ring belt (10) is breathable. The adjacent longitudinal wires (15) have a thinner cross-section than the adjacent transverse wires (16).

IPC 8 full level  
**D01H 5/86** (2006.01)

CPC (source: EP)  
**D01H 5/86** (2013.01); **D03D 1/0094** (2013.01); **D03D 15/43** (2021.01)

Cited by  
WO2023105004A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 3978661 A1 20220406; EP 3978661 B1 20240410; CN 114318597 A 20220412; DE 102020125521 A1 20220331**

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