

Title (en)
MECHANICALLY BONDED VISOR SYSTEM FOR SURGICAL HOOD

Title (de)
MECHANISCH VERBUNDENES VISIERSYSTEM FÜR OP-HAUBE

Title (fr)
SYSTÈME DE VISIÈRE À LIAISON MÉCANIQUE POUR CAGOULE CHIRURGICALE

Publication
EP 3890962 A1 20211013 (EN)

Application
EP 19821295 A 20191205

Priority

- US 201862775988 P 20181206
- IB 2019060487 W 20191205

Abstract (en)
[origin: US2020178622A1] A visor system for a surgical hood is provided. The system includes a base film and one or more removable films that are mechanical bonded (e.g., via ultrasonic energy and pressure, which allows ethylene oxide gas to penetrate between the films to provide for a "new" sterile surface should the surgeon elect to peel away a soiled or splattered removable film during the course of a surgical procedure so that an unobstructed view can be maintained. The mechanical bond points are intermittent rather than continuous so that the perimeter of the visor is not sealed, thus allowing for adequate ethylene oxide gas penetration and exposure to each of the films. Further, because the bond points are located about the perimeter of the removable films, viewing is not obscured, yet the layers are held securely in place until easily removed from the underlying removable film or base film.

IPC 8 full level
B32B 7/08 (2019.01); **A41D 13/11** (2006.01); **A42B 3/26** (2006.01); **B32B 27/08** (2006.01); **B32B 27/36** (2006.01)

CPC (source: EP US)
A41D 13/1153 (2013.01 - US); **A41D 13/1184** (2013.01 - EP); **A41D 13/1192** (2013.01 - US); **A41D 31/305** (2019.01 - US); **B32B 7/08** (2013.01 - EP); **B32B 27/08** (2013.01 - EP); **B32B 27/36** (2013.01 - EP); **B32B 27/365** (2013.01 - EP); **A41D 2200/20** (2013.01 - US); **A41D 2300/52** (2013.01 - US); **A41D 2400/72** (2013.01 - US); **A41D 2500/52** (2013.01 - US); **A41D 2600/20** (2013.01 - US); **A42B 3/26** (2013.01 - EP); **B32B 2250/24** (2013.01 - EP); **B32B 2250/244** (2013.01 - EP); **B32B 2307/412** (2013.01 - EP); **B32B 2437/00** (2013.01 - EP)

Citation (search report)
See references of WO 2020115702A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2020178622 A1 20200611; AU 2019394916 A1 20210624; CA 3122206 A1 20200611; EP 3890962 A1 20211013; JP 2022510201 A 20220126; WO 2020115702 A1 20200611

DOCDB simple family (application)
US 201916704478 A 20191205; AU 2019394916 A 20191205; CA 3122206 A 20191205; EP 19821295 A 20191205; IB 2019060487 W 20191205; JP 2021530097 A 20191205