

Title (en)
BREAST PUMP SYSTEM

Title (de)
MILCHPUMPENSYSTEM

Title (fr)
SYSTÈME DE POMPE TIRE-LAIT

Publication
EP 4003267 A4 20240306 (EN)

Application
EP 19940058 A 20190920

Priority
• US 201916525022 A 20190729
• US 2019052170 W 20190920

Abstract (en)
[origin: WO2021021223A1] A breast pump system is provided with a suction tubing and a milk tubing, wherein the suction tubing and milk tubing each have first and second ends, and comprise a unitary tube structure. The system includes a first connector that has a first portion for coupling to a breast pump and the suction tubing, and a second portion for coupling to a milk bottle and the milk tubing. The system also includes a second connector that has a first portion coupled to a suction port of a breast shield and the suction tubing, and a second portion coupled to a breast milk collecting port and the milk tubing. A breast shield system with a flexible diaphragm and a cover is provided that may be coupled to the breast pump system. A dual suction path filter cartridge is also provided.

IPC 8 full level
A61J 9/00 (2006.01); **A61J 13/00** (2006.01); **A61M 1/00** (2006.01); **A61M 1/06** (2006.01); **A61M 39/10** (2006.01); **A61M 39/20** (2006.01); **B01D 29/00** (2006.01); **B01D 39/00** (2006.01)

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A61J 13/00 (2013.01 - EP IL); **A61M 1/06** (2013.01 - EP IL US); **A61M 1/066** (2013.01 - EP IL); **A61M 1/067** (2021.05 - EP US); **A61M 1/06935** (2021.05 - EP US); **A61M 1/0697** (2021.05 - EP US); **A61M 1/74** (2021.05 - EP IL US); **B01D 35/306** (2013.01 - EP IL); **B01D 36/001** (2013.01 - EP IL US); **B01D 39/04** (2013.01 - EP IL); **B01D 39/1692** (2013.01 - EP IL); **A61M 2205/3331** (2013.01 - EP IL); **A61M 2205/3365** (2013.01 - EP IL); **A61M 2205/3379** (2013.01 - EP IL); **A61M 2205/3592** (2013.01 - EP IL); **A61M 2205/7509** (2013.01 - EP); **A61M 2205/7518** (2013.01 - EP); **A61M 2205/7536** (2013.01 - EP IL); **A61M 2205/8206** (2013.01 - EP IL); **B01D 2239/0291** (2013.01 - EP IL); **B01D 2239/0421** (2013.01 - EP IL); **B01D 2239/0428** (2013.01 - EP IL); **B01D 2239/1216** (2013.01 - EP IL)

Citation (search report)
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• [I] US 2016325031 A1 20161110 - MILLER JARED [US], et al
• [A] US 2015196460 A1 20150716 - BRITTNER LYNDON [US]
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• [I] US 2005043677 A1 20050224 - KELLY PATRICIA A [US], et al
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