

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/US2019/059238

TITLE: CHECK VALVE WITH INTEGRATED FILTER

APPLICANT: CAREFUSION 303, INC.

IPC CLASSIFICATION: A61M39/24, A61M5/165

EXAMINER: Kollar, Julien Felix

CONSULTED DATABASES: WPI

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: A61M5/165, A61M2005/1652, A61M39/24, A61M2039/2406, A61M2039/242, A61M2039/2453, A61M2205/7545

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

A check valve including a flexible valve member mounted in a cavity that is interposed and defined by an upper and lower housing, wherein the flexible valve member selectively permits fluid flow in a first direction and prevents fluid backflow in a second direction opposite to the first direction, and a filter member mounted in the upper housing upstream of the flexible valve member, wherein the filter member has an elongated portion configured to maximize surface area thereof exposed to the fluid flow and restrict passage of undesirable matter in fluid flowing through the check valve.