

Title (en)
IMPROVED DIVING MASK SYSTEM

Title (de)
VERBESSERTES TAUCHMASKENSYSTEM

Title (fr)
SYSTÈME DE MASQUE DE PLONGÉE AMÉLIORÉ

Publication
EP 3594102 A1 20200115 (EN)

Application
EP 19184621 A 20190705

Priority
US 201816031131 A 20180710

Abstract (en)
A diving mask system (100, 200, 300) is disclosed comprising a faceplate (10, 110) having a lateral partition (20, 120) on an interior surface delineating an upper and lower section, the lower section comprising a region that extends away from the upper section and includes at least one cutout section fitted with a complementary-shaped flexible insert (8, 108) that enables a user to grasp the nose. The faceplate further includes a flexible tubular insert (109) defining a passageway (190) extending through the faceplate (10, 110) to a lower chamber. The tubular insert (109) has a distal end (192) dimensioned to fit and seal onto the mouthpiece receiver tube (185) of a conventional second stage scuba regulator (84, 184) permitting the mask (100, 200, 300) to be scuba enabled. A quick-release clasp mechanism (172) attached to the mask's elastic retention straps (170) is also disclosed.

IPC 8 full level
B63C 11/12 (2006.01); **B63C 11/14** (2006.01)

CPC (source: EP)
B63C 11/14 (2013.01); **B63C 2011/128** (2013.01)

Citation (applicant)
• US 2016297505 A1 20161013 - CAPRICE CÉDRIC [FR], et al
• US 6718976 B1 20040413 - MATSUOKA MITSUSHIRO [JP]

Citation (search report)
• [YD] US 2016297505 A1 20161013 - CAPRICE CÉDRIC [FR], et al
• [Y] US 2818067 A 19571231 - ISSAIEWITCH REBIKOFF DIMITRI, et al
• [A] WO 2017125628 A1 20170727 - AGUILAR ZARAGOZÁ JOSÉ VICENTE [ES]
• [A] CN 107434014 A 20171205 - XIAO WENZl

Cited by
CN112206485A

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)
EP 3594102 A1 20200115

DOCDB simple family (application)
EP 19184621 A 20190705