

Title (en)
Foldable respirator

Title (de)
Faltbare Atemschutzmaske

Title (fr)
Respirateur pliable

Publication
EP 2589413 A2 20130508 (EN)

Application
EP 12185849 A 20120925

Priority
TW 100140085 A 20111103

Abstract (en)
A foldable respirator includes a respirator body (10) and a band (20) connected to the respirator body (10). The respirator body has an upper part (12) (12), a lower part (13) and a central part (11) that is between the upper part (12) and the lower part (13). The central part (11) has a central region (111) and a folded member extending from the central region (111). Due to the folded member extending from the central region (111), the respirator body (10) will avoid being dragged by the chin and the central region (111) will not distort or collapse easily while a wearer makes mouth movements, and thus the foldable respirator provides a good fit with the wearer's face, reduces leak rate and provides high protection efficiency.

IPC 8 full level
A62B 23/02 (2006.01); **A41D 13/11** (2006.01)

CPC (source: EP)
A41D 13/1115 (2013.01); **A62B 23/025** (2013.01)

Citation (applicant)
US 6123077 A 20000926 - BOSTOCK GRAHAM J [GB], et al

Cited by
CN105615042A; CN113301966A; CN111567945A; US2017303608A1; AU2014311599B2; RU2635036C2; US11219786B2; WO2015031141A3; WO2020127860A1; US9615612B2; EP3743166B1

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 2589413 A2 20130508; EP 2589413 A3 20140101; EP 2589413 B1 20150708; TW 201318665 A 20130516; TW I454296 B 20141001

DOCDB simple family (application)
EP 12185849 A 20120925; TW 100140085 A 20111103