

Title (en)

SWITCHABLE CHARGE VARIANTS WITH HOLE PATTERN INSERTS

Title (de)

UMSCHALTBARE LADUNGSVARIANTEN MIT LOCHMUSTER-EINLAGEN

Title (fr)

VARIANTES DE CHARGE COMMUTABLES POURVUES D'INSERTS À MOTIF DE TROU

Publication

**EP 3351890 B1 20191106 (DE)**

Application

**EP 18162152 A 20150317**

Priority

- DE 102014003893 A 20140319
- EP 15000787 A 20150317

IPC 8 full level

**F42B 12/22** (2006.01); **F42C 19/08** (2006.01); **F42C 19/095** (2006.01)

CPC (source: EP)

**F42B 12/22** (2013.01); **F42C 19/0842** (2013.01); **F42C 19/095** (2013.01)

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

DOCDB simple family (publication)

**EP 2921813 A1 20150923; EP 2921813 B1 20180926; DE 102014003893 A1 20150924; EP 3351890 A1 20180725; EP 3351890 B1 20191106**

DOCDB simple family (application)

**EP 15000787 A 20150317; DE 102014003893 A 20140319; EP 18162152 A 20150317**