

Title (en)  
DOUBLE-SIDED INJECTION APPLICATOR

Title (de)  
DOPPELSEITIGER SPRITZAPPLIKATOR

Title (fr)  
APPLICATEUR D'INJECTION DOUBLE FACE

Publication  
**EP 4034189 A1 20220803 (EN)**

Application  
**EP 19809625 A 20191118**

Priority  
• CZ 201936668 U 20190925  
• IB 2019059884 W 20191118

Abstract (en)  
[origin: WO2021059011A1] Double-sided injection applicator, consisting of a body, a central channel and an air outlet duct, where the central channel (3) in the body (1) has an upper air outlet duct (4) and an upper supporting area (8) placed on one side and a lower air outlet duct (6) and a lower supporting area (9) on the other side. The upper supporting area (8) is below the upper flat area (5) level while the lower supporting area (9) is below the lower flat area (7) level, and the central channel (3) has a narrowing (2) of the central channel (3) below the upper supporting area (8). The lower supporting area (9) is recessed in the body (1) by at least 1/7 of the total height of the body (1) compared to the lower flat area (7).

IPC 8 full level  
**A61M 5/00** (2006.01); **A61M 5/31** (2006.01); **A61M 5/32** (2006.01)

CPC (source: CZ EP)  
**A61M 5/178** (2013.01 - CZ EP); **A61M 2005/3139** (2013.01 - EP); **A61M 2205/586** (2013.01 - EP); **A61M 2205/59** (2013.01 - EP); **A61M 2209/088** (2013.01 - EP)

Citation (search report)  
See references of WO 2021059011A1

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)  
**WO 2021059011 A1 20210401**; CZ 33333 U1 20191025; EP 4034189 A1 20220803

DOCDB simple family (application)  
**IB 2019059884 W 20191118**; CZ 201936668 U 20190925; EP 19809625 A 20191118