

Title (en)  
INSERTION SYSTEM OF THE WEFT THREADS IN A WEAVING LOOM

Title (de)  
EINFÜHRSYSTEM EINES SCHUSSFADENS IN EINE WEBMASCHINE

Title (fr)  
SYSTÈME D'INSERTION DE FILS DE TRAME DANS UN MÉTIER À TISSER

Publication  
**EP 3037575 B1 20180425 (EN)**

Application  
**EP 15201580 A 20151221**

Priority  
IT MI20142201 A 20141222

Abstract (en)  
[origin: EP3037575A2] Weft thread insertion system into a projectile weaving loom, wherein the projectiles (1) are launched into the shed due to the mechanical action of a thrust member provided with alternate cyclic movement consisting of a rack (R) driven into motion by a plurality of toothed wheels (D), each one controlled by a respective electric servomotor (M), arranged in succession along the rack (R) and meshed therewith.

IPC 8 full level  
**D03D 49/28** (2006.01)

CPC (source: CN EP)  
**D03D 47/24** (2013.01 - CN); **D03D 47/275** (2013.01 - EP); **D03D 49/28** (2013.01 - CN EP)

Cited by  
EP3431644A1; IT201700080746A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 3037575 A2 20160629; EP 3037575 A3 20161130; EP 3037575 B1 20180425**; CN 105714453 A 20160629; CN 105714453 B 20180803; HK 1225421 B 20170908; JP 2016128620 A 20160714; JP 6708405 B2 20200610; TR 201810500 T4 20180827

DOCDB simple family (application)  
**EP 15201580 A 20151221**; CN 201511036215 A 20151222; HK 16113734 A 20161201; JP 2015248791 A 20151221; TR 201810500 T 20151221