

Title (en)  
Loop mixer

Title (de)  
Schlaufenmischer

Title (fr)  
Mélangeur à circulation

Publication  
**EP 0726091 B1 20000503 (DE)**

Application  
**EP 96101712 A 19960207**

Priority  
DE 19504272 A 19950209

Abstract (en)  
[origin: EP0726091A1] Solids, partic. prods. contg. fibres, are mixed in a loop-type mixer having a cylindrical mixer housing (1), with inlet (2) and outlet (3) and contg. a cylindrical guide tube (4), from the inside of which prod. is deflected by a radial aperture (5) into an annular chamber (7). A rotating stripper tool (13) is positioned near the radial aperture, radially inwards of guide devices (10) and has a radial wall (15) with at least one wall section closed by a bevelled edge (18) so that the height of the wall varies. Pref. the wall section is triangular or saw-tooth shaped. Pref. the stripper is fastened to a drive shaft (8) of a feed screw (9).

IPC 1-7  
**B01F 7/24**; **B01F 3/12**

IPC 8 full level  
**B01F 3/12** (2006.01); **B01F 7/00** (2006.01); **B01F 7/24** (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP)  
**B01F 27/091** (2022.01); **B01F 27/9211** (2022.01)

Cited by  
CN109126549A; CN109012350A

Designated contracting state (EPC)  
BE DE ES FR GB IT LU NL

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**EP 0726091 A1 19960814**; **EP 0726091 B1 20000503**; DE 19504272 A1 19960822; DE 19504272 C2 19971023; DE 59605080 D1 20000608; ES 2150606 T3 20001201

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