

Title (en)
PIPE-TYPE MIXER

Title (de)
ROHRMISCHER

Title (fr)
MÉLANGEUR À TUYAUX

Publication
EP 3587987 A1 20200101 (EN)

Application
EP 17912567 A 20170607

Priority
CN 2017087364 W 20170607

Abstract (en)
Disclosed is a pipe-type mixer, comprising an inner sleeve pipe (2) taking a mixing action and an outer sleeve pipe (1) taking a heat-exchange action, wherein the inner sleeve pipe (2) is located inside the outer sleeve pipe (1), and the cross section of the inner sleeve pipe (2) is a hexagon and is formed of a combination of one section of inner pipe twisting clockwise along the pipe centre and one section of inner pipe twisting anticlockwise. The pipe-type mixer is for a complex fluid with high solid content, high viscosity or containing fibers, while realizing enhanced mass transfer and heat transfer, and has anti-fouling, anti-blockage and alternative mechanical stirring functions.

IPC 8 full level
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