

Title (en)
SPUN YARN TAKE-UP SYSTEM

Title (de)
SPINNADENAUFNAHMESYSTEM

Title (fr)
SYSTÈME DE RATTRAPAGE DE FIL FIN

Publication
EP 3725720 B1 20220302 (EN)

Application
EP 20161447 A 20200306

Priority
JP 2019077494 A 20190416

Abstract (en)
[origin: EP3725720A1] An object of the present invention is, without deteriorating the work efficiency of an operator on the upper floor, to provide a spun yarn take-up system which enable a valve of a yarn sucking unit on the upper floor being closed promptly. A spun yarn take-up system 1 comprising spun yarn take-up apparatuses 2 each of which is configured to wind a yarn Y spun out from a spinning device 100 provided on the upper floor to a winding device 15, each of the spun yarn take-up apparatuses 2 including a yarn sucking unit 17 provided on the upper floor and a yarn bring-down apparatus 16 which brings yarns Y held by the yarn sucking unit 17 down to the lower floor from the upper floor. In at least one of the spun yarn take-up apparatuses 2, after yarns Y brought down to the lower floor by the yarn bring-down apparatus 16 are delivered to a yarn threading robot 3 on the lower floor, a valve of the yarn sucking unit 17 of the at least one of the spun yarn take-up apparatuses 2 is closed automatically.

IPC 8 full level
B65H 54/88 (2006.01); **B65H 57/00** (2006.01)

CPC (source: CN EP)
B65H 54/88 (2013.01 - EP); **B65H 57/003** (2013.01 - EP); **D01D 7/00** (2013.01 - CN); **B65H 2701/3132** (2013.01 - EP)

Cited by
EP4361076A1; EP4361075A1

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