

Title (en)

Vertical intermediate frame for ring spinning machines

Title (de)

Vertikaler Zwischenständer für Ringspinnmaschinen

Title (fr)

Bâti intermédiaire verticale pour des métiers à filer à anneaux

Publication

**EP 1375708 A3 20040519 (DE)**

Application

**EP 03013188 A 20030612**

Priority

DE 10227944 A 20020622

Abstract (en)

[origin: EP1375708A2] A ring spinner has an upright cast metal intermediate stand (1) and holds elongated components e.g. drafting rollers or spindle rails. The intermediate stand consists of a main frame (2), a drafting roller bearer (3) and two spindle rails (4). These components esp. have numerous suitable holes with and without threads in flanges for screw fixtures. The holes are located at a variety of different heights. The flat metal faces to which the drafting rollers are bolted are fixed transverse to the main machine longitudinal axis. The flat metal faces to which the spindle rails are bolted are in line with the main machine longitudinal axis.

IPC 1-7

**D01H 1/16**

IPC 8 full level

**D01H 1/02** (2006.01); **D01H 1/16** (2006.01); **D01H 5/56** (2006.01); **D01H 7/10** (2006.01)

CPC (source: EP)

**D01H 1/162** (2013.01)

Citation (search report)

- [DA] EP 0296459 A1 19881228 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] US 3075341 A 19630129 - HANS LATUS
- [A] DE 4122882 A1 19930121 - SCHURR STAHLECKER & GRILL [DE]

Cited by

CN105887253A; ITFI20130127A1; DE102019116234A1; DE102004007147A1; DE102004007147B4; US8650848B2; WO2014191437A1; WO2005078174A1; WO2007028547A1

Designated contracting state (EPC)

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