

Title (en)

Telescopic arm for grab bucket excavator.

Title (de)

Teleskopischer Ausleger für einen Schallengreiferbagger.

Title (fr)

Flèche télescopique pour excavatrice à benne preneuse.

Publication

**EP 0595614 A1 19940504 (EN)**

Application

**EP 93308560 A 19931027**

Priority

JP 31397392 A 19921029

Abstract (en)

A deep excavator comprising a stretchable arm arrangement (16) having four telescopically assembled arms (6, 9, 10 and 11) which are simultaneously extended and contracted for excavating earth or sand to form a deep hole. The stretchable arm arrangement (16) houses therein a working unit (20) comprising a pair of hydraulic cylinders (21, 22) which are arranged in parallel with each other while the cylinder rods (23, 24) thereof are disposed to operate in opposite directions and the hydraulic cylinder housings (21, 22) are assembled so as to relatively slide. The cylinder rods (23, 24) and the cylinder housings (21, 22) are individually coupled each to a respective arm (6, 9, 10 and 11) whereby the arms (6, 9, 10 and 11) are interlocked with the hydraulic cylinders (21, 22) so as to be extended simultaneously with the hydraulic cylinders (21, 22) when both of the hydraulic cylinders (21, 22) are extended. <IMAGE>

IPC 1-7

**E02F 3/30**; **E02F 9/22**

IPC 8 full level

**E02F 3/39** (2006.01); **E02F 3/413** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP KR)

**E02F 3/4136** (2013.01 - EP KR); **E02F 9/2221** (2013.01 - EP); **E02F 9/2264** (2013.01 - KR)

Citation (search report)

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