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(72) Inventors:
• **Vigano', Emanuele**
20034 Giussano
Prov. of Milano (IT)
• **Maggioni, Fabrizio**
20034 Giussano
Prov. of Milano (IT)

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(71) Applicant: **Mont-Ele S.r.l.**
20034 Giussano MI (IT)

(74) Representative: **Alagem Modiano, Lara S. et al**
Modiano & Associati
Via Meravigli, 16
20123 Milano (IT)

(54) **Direct-current load-break switch particularly for traction lines**

(57) A direct-current load-break switch (1) particularly for traction lines, suitable for installations in a metallic cell, with two interruption segments in series, comprising:
two fixed contacts (5);
a double moving contact (8), which is adapted to engage and disengage with respect to the fixed contacts (5);
means for actuating the moving contact (8) which are adapted to move the moving contact (8) so that it engages

and disengages the fixed contacts (5); each fixed contact (5) and the corresponding moving contact (8) are provided with an arc quenching horn (6, 10), and a coil provided with a magnetic core (12, 13) is connected electrically between the arc quenching horn (6, 10) (which is insulated) and the fixed contact; one or more arc quenching chambers are further arranged above the interruption segment formed by the arc quenching horns (6, 10).

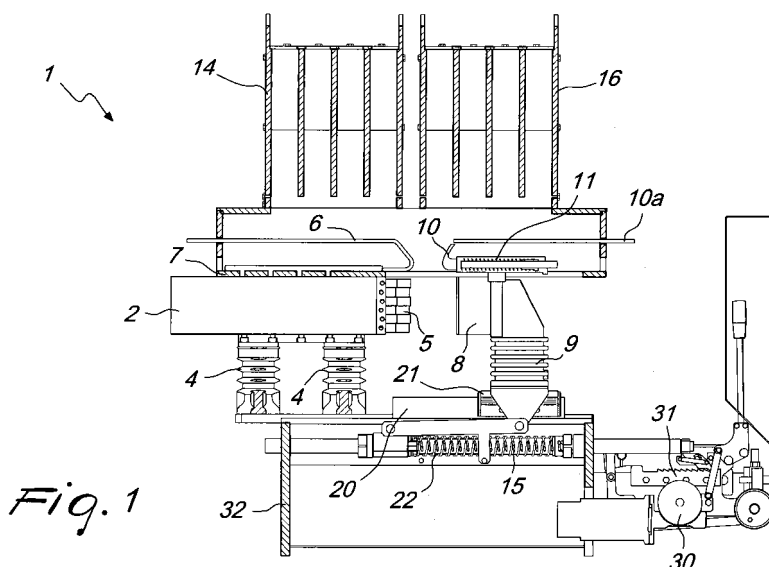


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 07 00 3657

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			H01H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		22 April 2008	Starck, Thierry
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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